

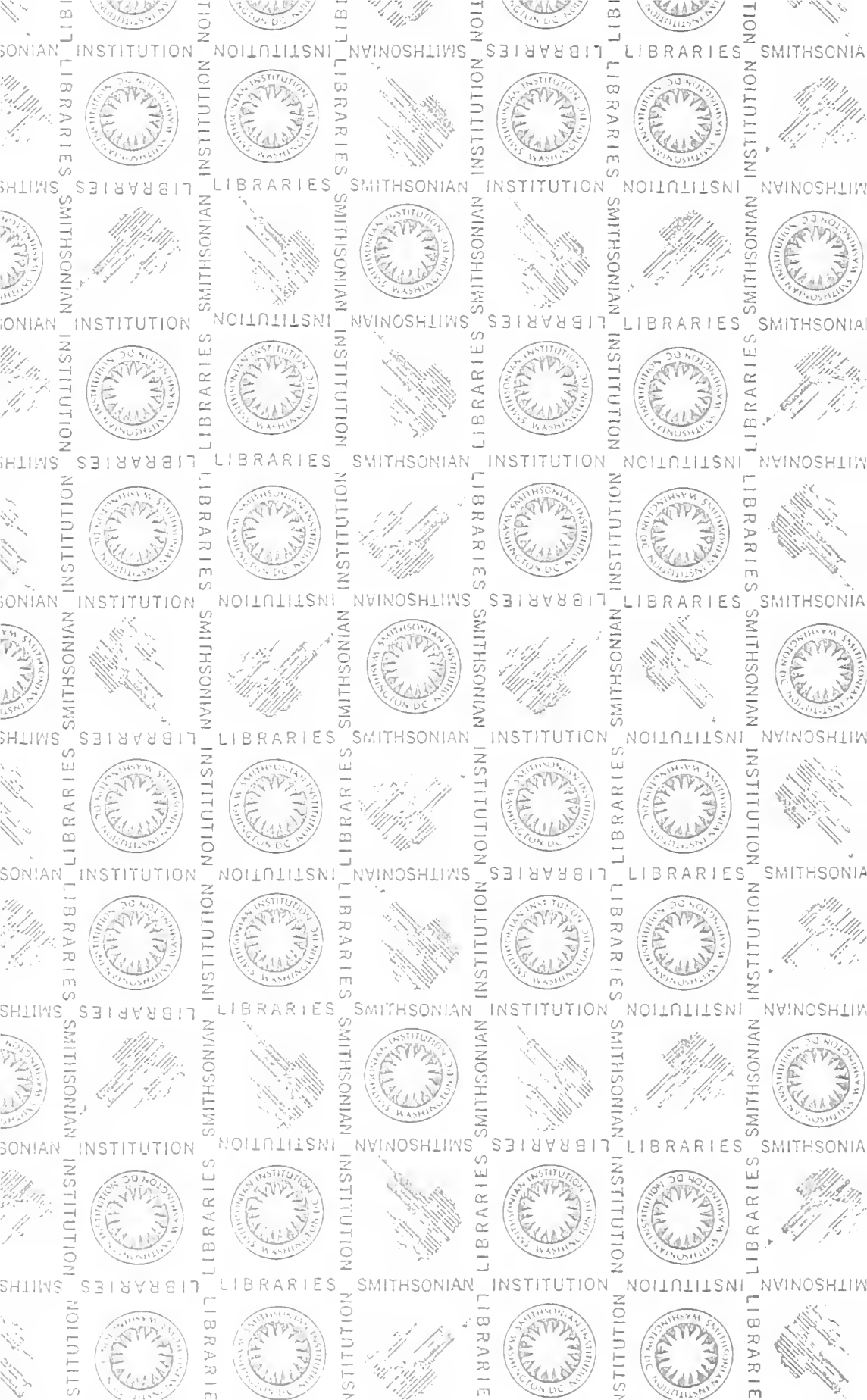
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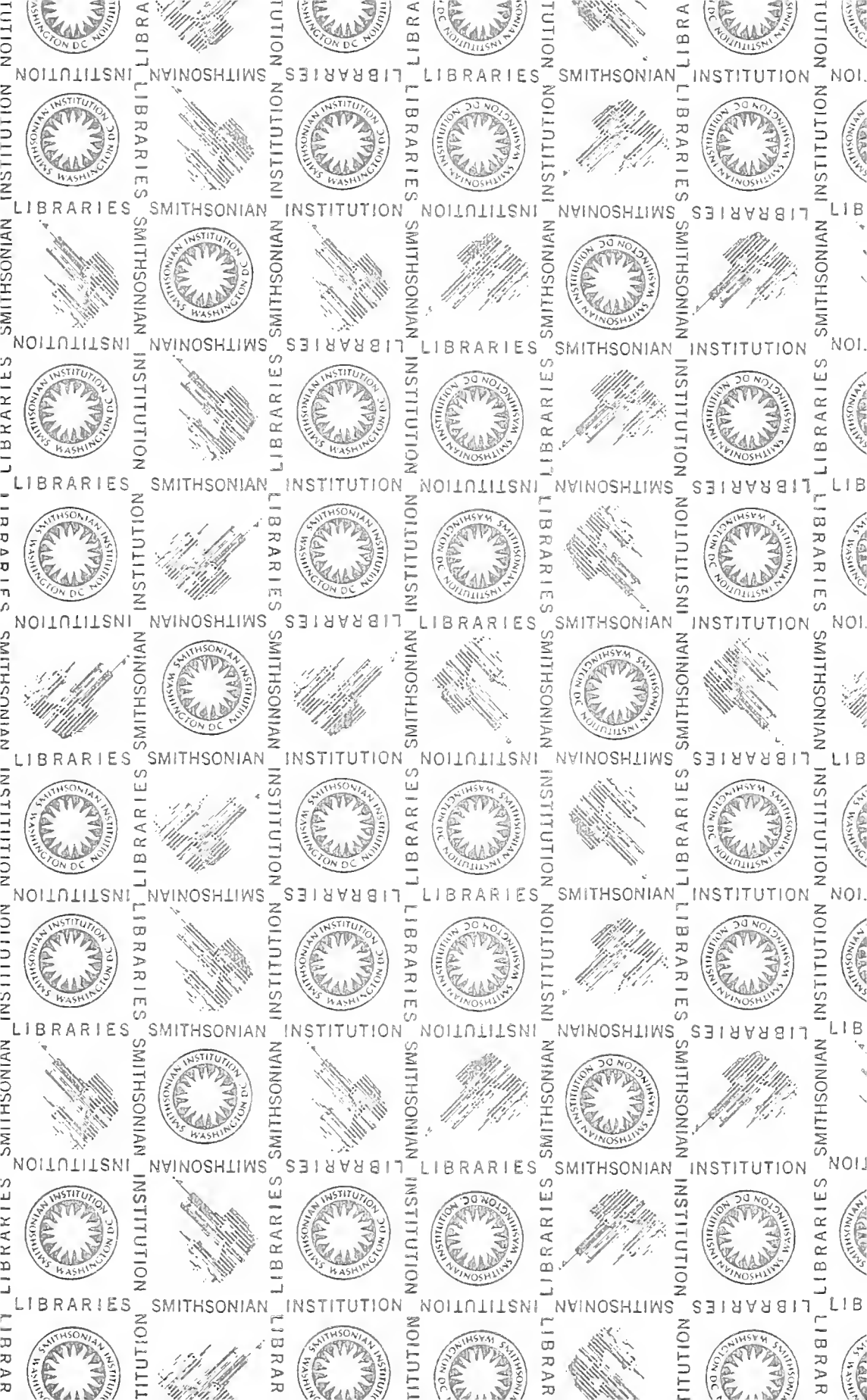
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FOURTH  
SUPPLEMENT  
1933 to 1938 (inclusive)

to

THE LENG CATALOGUE

of

COLEOPTERA

of

AMERICA, NORTH OF MEXICO

By

RICHARD E. BLACKWELDER

Assistant Curator

in charge of

Coleoptera

AMERICAN MUSEUM OF NATURAL HISTORY

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Mount Vernon, N. Y.  
JOHN D. SHERMAN, JR.

December

1939



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## INTRODUCTION

This fourth supplement to Mr. Leng's catalog of North American Coleoptera is offered by the compiler and by the publisher with the hope that it may help to alleviate a condition which has led to a widespread desire for a complete new catalog. Since there appears to be little chance of financing such a new catalog in the near future, it has been thought worth while to prepare another supplement which would fill some of the more obvious needs.

It is probable that a great many entomologists have no conception of the amount of work involved in the preparation of a bibliographic catalog for publication. The writer, when he undertook the present task, anticipated at most a two or three month job. Work was started about the first of March and has occupied most of the compiler's time continuously till the middle of October. It is doubtful if the work could have been undertaken if it had been known that it would involve such an outlay in time and study.

Although this supplement includes many changes in make-up from that followed in the previous supplements (as will be explained below), it has been the endeavor of the compiler to make it as useful as possible in connection with the original catalog and the other supplements. Although Mr. Leng has not had an active part in this work, all proposed changes in procedure have been examined by him and do, I believe, have his complete approval.

In my opinion it is due principally to the excellence of the original catalog that it is possible to issue supplements which can give any satisfaction. Few coleopterists have contributed so largely to the work of all their colleagues as Mr. Leng, and few large works have been so completely constructive in their nature or so universally indispensable as the "Leng Catalog".

It would seem to be axiomatic that the fourth of a series of supplements should conform in procedure and treatment with the previous parts. In spite of this a glance at the present work will suffice to show that it departs widely from the other supplements. The reasons for these changes are outlined below.

The primary cause of changes in make-up of the supplement was the desire to save space. The complete division of the page into

two columns and the omission of numbers have together increased the space available by twenty to thirty percent. The first of these changes will scarcely be noticed by users of the catalog. The second may meet with disapproval of some, but in its defense may be mentioned the substantial amount of space saved which has been used for the inclusion of revisionary studies.

The second important departure from the previous supplements is in the matter of authorities for new synonyms, records, and other changes. It has been felt that a summary of the compiler's opinions on the status of species and classifications (such as the original catalog properly included to some extent) was of less interest in the supplement than an accurate reporting of what has been published during the last six years and who published it. Accordingly nearly every new proposal is accompanied by a citation to the author of that proposal.

It has been the aim of the compiler to include all new species described up to January, 1939, all synonymy proposed up to the time the manuscript was completed (about September 1, 1939), all new records for North America with synonyms, all contributions to the classification of beetles, and all revisionary studies, whether of families, genera, or groups of species.

Bibliographic references are made as in the catalog by giving the author, date, and page. An indication of distribution is given. Italics have been used always for synonyms, and generic synonyms are in addition placed in parenthesis. Names which were proposed for categories less than species are preceded by a letter denoting the category assigned to them by the writer quoted. These are arranged in indented form to emphasize their status lower than species.

For the first time subgenera are definitely indicated as such. These names are strongly indented and are printed in Roman capitals. Space considerations prevented the insertion of the word subgenus or an abbreviation in these cases, but once the system of type faces is understood, there should be no difficulty. Bold-face is used always for genera, italics for synonyms, and capitals for subgenera. (In the Carabidae only there have recently been proposed some names for "sections" within certain subgenera. These have been printed in small capitals and still more indented than the subgenera.)

Two uses are made of the asterisk (\*). Wherever there has been recently published a presumably complete revision of a genus, an asterisk is placed at the left hand margin immediately below the generic name. Any other items which were not included in the revision are separated from the latter by a row of three as-

terisks. Thus the three asterisks always denote the end of a revision or of a subgenus, or of a special rearrangement of genera as mentioned in a footnote.

One of the characteristics of human endeavor is the occasional mistake that is almost inevitably to be found. The most concentrated effort will not prevent a few errors from marring any work. These are generally taken for granted and are scarcely noticed unless they are present in unusual numbers. While examining the sources of the present compilation, the writer was forced to the conclusion that an entirely disproportionate number of the errors in our taxonomic papers on beetles has been made by a relatively small number of workers. For the most part these are errors due to carelessness or indifference, and they usually result from failure to ascertain all the facts or from one's being in too great a hurry to get papers published. A few of these are mentioned in footnotes in the text. Among the more common and very unfortunate errors may be mentioned the following: The renaming of preoccupied genera and species for which there was already one or more available names; failure to give the author of a homonym an opportunity to rename it; changing the name of a genus or species because of page precedence; citing a synonym in parenthesis between the generic and specific names, as *Mylabris (Bruchus) atomus*, where *Bruchus* is not used as a subgenus; failure to follow the Rules strictly in the matter of accepting or correcting the original spelling of names; and extreme carelessness in giving references to older species and in the spelling of the names themselves.

Most of these errors have been copied into the supplement without specific comment, but attention is directed to some by footnotes. In most cases in which there have been changes made by the compiler, this fact is indicated. But in general responsibility and authority for all items are placed directly back on the entomologist who published them. An exception to this statement must be noted in the matter of the bibliographic references. Many of these have been corrected by independent study, and wherever there was a discrepancy the original catalog has been followed (unless ample reasons have been published for the change).

Many of the entomologists whose recent work is included in this supplement were kind enough to check the preliminary lists of their publications. One hundred and one such lists were sent out, and about 85 were returned with the necessary additions or corrections. Many important oversights were thus corrected, and many new items were contributed by these workers from their own studies. Grateful acknowledgment is made to all these friends.

## SIGNS AND ABBREVIATIONS

- \* indicates a revision of the genus (or other group).
- \*\*\* indicates the end of a revision or of a subgenus.
- { before locality indicates that it applies to line above.
- a. aberration.
- n. natio, used by Breuning as a category between subspecies and aberration.
- s. subspecies.
- v. variety.

# FOURTH SUPPLEMENT TO CATALOGUE OF COLEOPTERA OF AMERICA, NORTH OF MEXICO

## ADDITIONS AND CORRECTIONS TO DECEMBER 31, 1938

### CICINDELIDÆ

#### Omus

- humeroplanatus W. Horn 10-263  
Loc. should be Del Norte Co., Cal.<sup>1</sup>  
submetallicus G.Horn 68-129  
s.niger Cazier 37-94 Cal.

#### Megacephala Latr. 02-79

- TETRACHA Hope 38-6<sup>2</sup>  
affinis Dej. 25-12  
s.angustata Chevr. 41-55 C.A. Tex.<sup>3</sup>  
virginica Linn. 66-657  
v.melæna Cartw. 35-70 S.C. Va.

#### Cicindela

- purpurea Oliv. 90-14 E.U.S.-Sierras  
marginalis Fabr. 01-240<sup>3</sup>  
spreta Lec. 57-37 (not Lec. 1848)<sup>3</sup>  
s.auduboni Lec. 45-207 (in part)<sup>3</sup>  
Ill.-Ut.-Alb.-Minn.  
graminea Schp. 83-89 (in part)<sup>3</sup>  
v.lauta Csy. 97-296<sup>3</sup> Ore. Cal.  
franciscana Csy. 13-23<sup>3</sup>  
graminea Schp. 83-89 (in part)<sup>3</sup>  
v.mirabilis Csy. 14-358<sup>3 4</sup>  
v.nigerrima Leng 18-139<sup>3</sup>  
Mass.-N.M.-Mont.  
auduboni Lec. 45-207 (in part)<sup>3</sup>  
cimarrona Lec. 68-49<sup>3</sup>  
N.M. Colo. Ariz. Ut.  
v.sedalia Smyth 33-201<sup>3 4</sup> Colo. (Ore.)

- limbalis Klug 34-39<sup>3</sup> Mass.-Ky.-Kan.-  
amoena Lec. 48-177<sup>3</sup> [Alb.  
splendida || Lec. 57-36<sup>3</sup>  
militaris Varas 23-242<sup>3</sup>  
s.limbalis (s.str.)<sup>3</sup>  
v.spreta Lec. 48-177<sup>3</sup>  
v.transversa Leng 02-131<sup>3</sup>  
Kan. Mo. D.C. N.J.  
s.awemeana Csy. 13-23<sup>3</sup> Man.  
v.eldorensis Csy. 13-23<sup>3</sup> Ore.  
s.auguralis Csy. 13-21<sup>3</sup> Colo. N.M.  
inducta Csy. 13-22<sup>3</sup>  
ardelio Csy. 13-21<sup>3</sup>  
splendida Hentz 30-254<sup>3 4</sup> N.C.-Ark.-  
discus Klug 34-23<sup>3</sup> [Colo.-Neb.  
s.splendida (s.str.)  
v.cyanocephala Varas 29-239<sup>3</sup>  
Neb. Kan.  
amoena of Harris 11-8<sup>3</sup>  
s.denverensis Csy. 97-297<sup>3</sup> Colo. Neb.  
graminea of Csy. 13-21<sup>3</sup> [Kan.  
v.conquisita Csy. 14-357<sup>3 4</sup> Neb.Colo.  
oreada Csy. 14-358<sup>3 4</sup>  
plattensis Smyth 33-202<sup>3 4</sup>  
v.pugetana Csy. 14-20<sup>3</sup>  
B.C.-Wash.-Mont.-Wyo.  
v.propinqua Knaus 22-194<sup>3</sup> Nev.Cal.  
arida A. C. Davis 28-65<sup>3</sup>  
v.ludoviciana Leng 02-131<sup>3</sup> Ark. La.  
decemnotata Say 17-19<sup>3</sup> Alas.-Cal.-  
lantzi Harris 13-68<sup>3</sup> [Alb.-Kan.  
albertina Csy. 13-24<sup>3</sup>  
• • •  
plutonica Csy. 97-296  
s.leachi Cazier 36-124 Cal.  
senilis Horn 66-395 Cal.  
exoleta Csy. 09-272<sup>3</sup>  
frosti Varas 27-174<sup>5</sup>

<sup>1</sup> Nunenmacher in litt.

<sup>2</sup> Darlington—35.

<sup>3</sup> Nicolay in litt.

<sup>4</sup> Nicolay—34.

<sup>5</sup> Cazier—37.

- willistoni Lec. 79-507 Wyo.  
 s.echo Csy. 97-298<sup>5</sup> Ut. Cal. Nev.  
 amadensis Csy. 09-272<sup>5</sup>  
 s.pseudosenilis W. Horn 00-117<sup>6</sup> Cal. Nev.  
 s.spaldingi Csy. 24-14<sup>5</sup> Ut.  
 fulgida Say 23-141 Neb.-N.M.-Wyo.  
 wallisi Calder 22-191<sup>5</sup>  
 azurea Calder 22-62<sup>5</sup>  
 s.westbournei Calder 22-62<sup>5</sup> Man.  
 elegans Calder 22-62<sup>5</sup>  
 v.subnitens Calder 22-62<sup>5</sup> Neb.  
 s.pseudo-willistoni W.Horn 38-13<sup>6</sup> Wy.  
 parowana Wickh. 05-165 Ut. Wash.  
 remittens Csy. 24-14<sup>5</sup>  
 platti Cazier 37-161<sup>3, 7</sup> Cal.  
 sexguttata Fabr. 75-226  
 s.denikei Brown 34-22 Ont.  
 politula Lec. 75-159  
 s.ketipennis W.Horn 14-32<sup>6</sup> Mex. Tex.  
 viridisticta Bates 81-14  
 s.arizonensis Bates 84-260<sup>9</sup> Ariz. Mex.  
 cursitans Lec. 57-60  
 alata Lilj. 32-215<sup>9</sup>  
 pusilla Say 17-21  
 s.lunalonga Schp. 83-122<sup>5</sup>  
 v.wagneri Cazier 37-117<sup>5</sup> Cal.  
 californica Men. 44-52  
 s.mojavi Cazier 37-116 Cal.

## CARABIDÆ

## Trachypachus Mots. 45-86

(Trachypachus G. & H. 68-46)<sup>10</sup>(Trachypachus Lac. 54-47)<sup>10</sup>

- zetterstedti (Gyll.) 27-417 Holarctic  
 transversicollis Mots. 44-86<sup>10</sup>  
 laticollis Mots. 64-194<sup>10</sup>  
 inermis Mots. 64-194<sup>10, 11</sup>  
 holmbergi Mannh. 53-119<sup>10</sup>  
 oregonus Csy. 20-145<sup>10</sup>  
 specularis Csy. 20-146<sup>10</sup>

\* \* \*

CYCHRINI<sup>12</sup>Scaphinotus Latr. 22-87<sup>3</sup>

IRICHROA Newm. 38-385

(Megaliridia Csy. 20-175)<sup>12</sup>

- andrewsii Harris 39-195  
 s.andrewsii Harr (s.str.)<sup>12</sup> N.C. Tenn.  
 s.eneicollis Beut. 03-513<sup>12</sup> N.C. Tenn.  
 purpurata Beut. 18-89<sup>12</sup>  
 v.tricarinata Csy. 14-25<sup>12</sup>  
 s.violacea Lec. 63-4<sup>12</sup> Ga. N.C.  
 amplicollis Csy. 20-174<sup>12</sup>  
 s.germari Chd. 61-495<sup>12</sup> Pa. Va. Tenn.  
 mutabilis Csy. 20-173<sup>12</sup>  
 longicollis Csy. 20-173<sup>12</sup>  
 modulata Csy. 20-174<sup>12</sup>

- guyoti Lec. 66-363 N.C.  
 v.angelli Beut. 18-89<sup>12</sup>  
 ridingsi Bland. 63-353  
 s.ridingsi (s.str.)<sup>12</sup> Va. D.C.  
 s.monongahela Leng. 17-36<sup>12</sup> Pa. Ten.  
 tenuicaps Csy. 20-173<sup>12</sup>  
 vidua Dej. 26-12  
 s.leonardi Harris 39-193<sup>12</sup> N.Allegh.  
 s.vidua (s.str.)<sup>12</sup> Allegh.  
 unicolor Knoch 01-187<sup>12</sup>  
 s.irregularis Beut. 03-513<sup>12</sup> N.C.  
 SCAPHINOTUS (s.str.)<sup>12</sup>  
 snowi Lec. 81-74 N.M.  
 roeschkei VanD. 07-118 Ariz.  
 fuchsi Roesch. 07-570 Ariz.  
 vandykei Roesch. 07-136 Ariz.  
 corvus Fall 10-89 Ariz.  
 petersi Roesch. 07-118 Ariz.  
 mexicanus Bates 82-320 Ariz. Mex.  
 kelloggi Dury 12-104 N.M.  
 biedermanni Roesch. 07-571 Ariz.  
 elevatus Fabr. 87-198  
 s.elevatus (s.str.)<sup>12</sup> E.U.S.  
 s.tenebricosus Roesch. 07-119<sup>12</sup> E.U.S.  
 unicolor Lec. 53-398<sup>12</sup>  
 heros Lec. 48-440<sup>12</sup>  
 s.flammeus Hald. 44-54<sup>12</sup> S.U.S.  
 dilutatus Lec. 53-398<sup>12</sup> [C.U.S.  
 s.floridanus Leng 15-564<sup>11</sup> Fla.  
 coloradensis VanD. 07-141 Colo.  
 unicolor Fabr. 87-198  
 s.unicolor (s.str.)<sup>12</sup> C.U.S.  
 s.heros Harris 39-196<sup>12</sup> O. Ind.  
 s.shoemakeri Leng 14-143<sup>12</sup> D.C.

Brennus Mots. 65-311<sup>12</sup>

\* BRENNUS (s.str.)

- cordatus Lec. 53-399 Cal.  
 v.vernicatus Csy. 20-183<sup>12</sup>  
 v.rufitarsis Csy. 20-184<sup>12</sup>  
 marginatus Fisch. 22-79  
 s.marginatus (s.str.)<sup>12</sup>  
 Alas. B.C. Wash.  
 v.gracilis Gehin 85-76<sup>12</sup>  
 v.insularis Csy. 97-334<sup>12</sup>  
 v.eupripennis Csy. 97-334<sup>12</sup>  
 v.confusus Csy. 97-336<sup>12</sup>  
 v.wrangeli Csy. 20-182<sup>12</sup>  
 s.fulleri Horn 78-178<sup>12</sup> Ore.  
 v.fallax Roesch. 07-174<sup>12</sup>  
 v.montanicus Csy. 20-182<sup>12</sup>  
 s.columbianus Csy. 20-180<sup>12</sup> B.C.  
 s.oregonus Csy. 20-182<sup>12</sup> Ore.  
 interruptus Men. 44-54  
 s.interruptus (s. str.)<sup>12</sup> Cal.  
 sinuatus Csy. 97-330<sup>12</sup>  
 s.compositus Csy. 97-332<sup>12</sup> Cal.  
 s.constrictus Lec. 53-398<sup>12</sup> Cal.  
 interruptus Lec. 68-60<sup>12</sup>  
 dissolutus Csy. 97-329<sup>12</sup>  
 corpulentus Csy. 97-331<sup>12</sup>  
 parvulicollis Csy. 20-176<sup>12</sup>  
 s.dissolutus Schaum 63-72<sup>12</sup> Cal.  
 porcatus Csy. 97-328<sup>12</sup>  
 s.politus Csy. 97-330<sup>12</sup> Cal.  
 s.montereyensis Csy. 20-177<sup>12</sup> Cal.  
 s.procerus Csy. 20-179<sup>12</sup> Cal.

<sup>3</sup> Nicolay—37.<sup>5</sup> Cazier—37.<sup>6</sup> W. Horn—38.<sup>7</sup> Cited as sub-species by Cazier—37.<sup>8</sup> Benedict—34.<sup>9</sup> W. Horn—35.<sup>10</sup> Hatch—33.<sup>11</sup> Listed as valid by Csiki & Hetschko—33.<sup>12</sup> Revision of tribe, Vacher de Lapouge—32. Alternate arrangement of certain genera by Van Dyke and Valentine below.

- beringi Csy. 20-170 Alaska  
obliquus Lec. 63-51 Cal.  
    *convergens* Csy. 97-326<sup>12</sup>  
    *opacicolis* Csy. 97-326<sup>12</sup>  
    *sculptipennis* Csy. 97-327<sup>12</sup>  
oreophilus Rivers 90-111 Cal.  
    v.hoppingi Roesch. 07-183<sup>12</sup>  
    v.riversi Roesch. 07-183<sup>12</sup>  
    v.humeralis Csy. 14-30<sup>12</sup>  
ventricosus Dej. 31-527  
    s.ventricosus (s.str.)<sup>12</sup> Cal.  
    *striatopunctatus* Lec. 53-398<sup>12</sup>  
    s.lativentris Mots. 50-358<sup>12</sup>  
    *strictus* Csy. 97-321<sup>12</sup>  
    *ventricosus* of Csy. 97-321<sup>12</sup>  
    v.fuchsianus Rivers 90-71<sup>12</sup>  
    s.crenatus Mots. 59-161<sup>12</sup> Cal.  
    *gentilis* Csy. 97-322<sup>12</sup>  
    v.striatus Lec. 59-69<sup>12</sup> Cal.  
    *productus* Csy. 14-29<sup>12</sup>  
striatopunctatus Chd. 44-476 Cal.  
    *subdepressus* Csy. 20-177<sup>12</sup>  
    v.decipiens Csy. 97-316<sup>12</sup>  
    v.alternatus Mots. 59-162<sup>12</sup>  
    *striatopunctatus* of Csy. 97-314<sup>12</sup>  
    *ovalis* of Csy. 97-315<sup>12</sup>  
    v.ovalis Mots. 59-162<sup>12</sup>  
subtilis Schaum 63-78 Cal.  
punctatus Lec. 59-69  
    s.punctatus (s.str.)<sup>12</sup> Cal.  
    *gravidus* Csy. 97-317<sup>12</sup>  
    s.catenulatus Csy. 97-324<sup>12</sup> Cal.  
    s.mimus Horn 78-182<sup>12</sup> Cal.  
rugiceps Horn 72-143  
    s.rugiceps (s.str.)<sup>12</sup> Ore.  
    s.incipiens Csy. 97-313<sup>12</sup>  
    s.congener Csy. 14-28<sup>12</sup>  
cristatus Harris 39-200  
    s.cristatus (s.str.)<sup>12</sup> Ore. Cal.  
    s.reticulatus Mots. 50-90<sup>12</sup> Cal.  
    *cristatus* of Lec. 68-60<sup>12</sup>  
    *duplicatus* Csy. 97-312<sup>12</sup>  
    *basalis* Csy. 97-311<sup>12</sup>  
    PEMPHUS Mots. 65-312<sup>12</sup>  
angusticollis Fisch. 24-42  
    s.nigripennis Roesch. 07-167<sup>12</sup> Alas.  
    *velutinus* Lec. 68-60 (part)<sup>12</sup> [B.C.  
    s.angusticollis (s.str.)<sup>12</sup> Alas. B.C.  
    *debilis* Dej. 31-526<sup>12</sup>  
    s.longipes Csy. 97-339<sup>12</sup> Cal.  
    s.velutinus Men. 44-53<sup>12</sup> Cal.  
    *opacus* Csy. 99-97<sup>12</sup>  
    NEOCYCHRUS Roesch. 07-198<sup>12</sup>  
    angulatus Harris 39-200 B.C.-Ore.  
    behrensi Roesch. 07-124 Cal.  
Cychrus Fabr. 94-440<sup>12</sup>  
\* hemphillii Horn 78-184  
    s.rickseckeri Lec. 84-2<sup>12</sup> Mont. Ida.  
    s.hemphillii (s.str.)<sup>12</sup> Ut. Wyo.  
    tuberculatus Harris 39-200 Alas.-Cal.  
    *pustulosus* Csy. 05-160<sup>12</sup>  
Sphæroderus Dej. 26-24<sup>12</sup>  
\* canadensis Chd. 61-498 Can.-Car.  
    *palpalis* Mots. 65-312<sup>11</sup>  
    v.blanchardi Leng 16-41<sup>12</sup>  
    stenostomus Weber 01-43  
    s.stenostomus (s.str.)<sup>12</sup> Va. Pa. Ind.  
    *indianæ* Blatch. 10-42<sup>12</sup>  
    s.lecontei Dej. 26-15<sup>12</sup> Can. N.Eng.  
    *stenostomus* of Say 25-72<sup>12</sup>  
    *ningarensis* Cast. 32-390<sup>12</sup>  
    *diffRACTUS* Csy. 14-25<sup>12</sup>  
    s.bicarınatus Lec. 53-399<sup>12</sup> Allegh.  
nitidicollis Chev. 29-24  
    s.brevoorti Lec. 48-443<sup>12</sup> Can. L.Sup.  
    *granulosus* Chd. 61-497<sup>12</sup>  
    s.nitidicollis (s.str.)<sup>12</sup> New World  
    s.schaumi Chd. 61-499<sup>12</sup> Ohio  
    *nitidicollis* of Lec. 48-443<sup>12</sup>  
\* \* \*  
Scaphinotus Dej. 26-17  
    \* SCAPHINOTUS (s.str.)<sup>13 14</sup>  
    snowi Lec. 81-74 N.M. Colo. Ut. Ariz.  
    v.parkeri VanD. 38-101<sup>14</sup> Ariz.  
    röschkei VanD. 07-135 Ariz.  
    kelloggi Dury 12-104 N.M.  
    vandykei Roesch. 07-136 Ariz.  
    v.fuchsi Roesch. 07-570<sup>14</sup> Ariz.  
    grahami VanD. 38-107 Ariz.  
    petersi Roesch. 07-137 Ariz.  
    v.catalinæ VanD. 38-110<sup>14</sup> Ariz.  
    biedermanni Roesch. 07-571 Ariz.  
    mexicanus Eates 82-320 Mex. Ariz.  
    corvus Fall 10-89 Ariz.  
    elevatus Fabr. 87-198  
    Fla.-N.Y.-Alb.-N.M.  
    s.elevatus (s.str.)<sup>14</sup> N.Y.-N.C.-Kan.  
    s.flammeus Hald. 45-54<sup>14</sup> O.-Ark.-Ia.  
    *dilatatus* Lec. 53-398<sup>14</sup>  
    s.tenebricosus Roesch. 07-141<sup>14</sup> N.J.-  
    *tenebrosus* of authors<sup>14</sup> [S.C.  
    *unicolor* || Lec. 53-398<sup>14</sup>  
    *heros* || Lec. 48-440<sup>11</sup>  
    s.lengi VanD. 38-122<sup>14</sup> Va.  
    s.coloradensis VanD. 07-141<sup>14</sup>  
    Colo.-N.M.-Neb.  
    s.neomexicanus VanD. 24-1<sup>14</sup> N.M.  
    unicolor Fabr. 87-198 Md.-Fla.-O.-Mo.  
    s.unicolor (s.str.)<sup>14</sup> Ala.  
    s.shoemakeri Leng 14-143<sup>14</sup>  
    D.C. Md. Va. Ala.  
    s. heros Harris 39-196<sup>10</sup>  
    O. Ind. Ky. Tenn. Mo.  
    s.floridanus Leng 15-564<sup>14</sup> (Fla.)  
\* \* \*  
IRICHROA Newm. 38-385<sup>13 15</sup>  
viduus Dej. 26-12<sup>16</sup> Atl.St.  
STENIRIDIA Csy. 24-236<sup>15</sup>  
andrewsi Harris 39-195<sup>15 17</sup>  
    s.andrewsi (s.str.)<sup>15 17</sup> N.C.  
    s.montana Val. 35-350<sup>15 17</sup> N.C.  
    s.amplicollis Csy. 20-174<sup>17</sup> N.C.  
    *reflexa* Csy. 24-22<sup>15 17</sup>  
    s.parvitorsalis Val. 35-354<sup>15 17</sup>  
    Ga. Tenn. N.C.  
    s.nantahalæ Val. 36-228<sup>17</sup> N.C. S.C.  
    s.saludæ Val. 36-229<sup>17</sup> N.C.  
<sup>13</sup> See alternate arrangement by Lapouge, above.  
<sup>14</sup> Revision of subgenus, Van Dyke—38.  
<sup>15</sup> Arrangement of subgenera and species, Valentine—35.  
<sup>16</sup> Leng Catalog.  
<sup>17</sup> Revision of subspecies, Valentine—36.

- s.darlingtoni Val. 35-356<sup>15 17</sup> Ten. N.C.  
s.barksdalei Val. 36-230<sup>17</sup> N.C.  
s.germari Chd. 61-495<sup>15 17</sup>  
Pa.-N.C.-Ky.  
s.mutabilis Csy. 20-173<sup>17</sup> Pa. W.Va.  
longicollis Csy. 20-173<sup>17</sup> [O. Ky.  
modulata Csy. 20-174<sup>17</sup>  
s.waldensia Val. 35-357<sup>15 17</sup> Tenn.  
violacea Lec. 63-4<sup>15</sup>  
s.violacea (s.str.)<sup>15</sup> Ga. N.C.  
s.carolina Val. 35-358<sup>15</sup> N.C.  
æneicollis Beut. 03-513<sup>15</sup> N.C.  
tricarinata Csy. 14-25<sup>15</sup> N.C. Tenn.  
guyoti Lec. 66-363<sup>15</sup> N.C. Va.  
v.angelli Beut. 18-89<sup>15</sup> N.C.  
confusus Darl. 31-146<sup>15</sup>  
lodingi Val. 35-364  
s.lodingi (s.str.)<sup>15</sup> Ala.  
s.obscura Val. 35-366<sup>15</sup> Ala.  
ridingsi Bland 63-354  
s.ridingsi (s.str.)<sup>15</sup> Va.  
s.monongahelæ Leng. 17-36<sup>15</sup> Pa.  
tenuiceps Csy. 20-172<sup>15</sup>  
s.intermedia Val. 35-368<sup>15</sup> Va.  
\* \* \*
- \* NOMARETUS Lec. 53-399<sup>18 19</sup>  
blobus Say 25-73 N.H. N.Y. Can. Mich.  
liebecki VanD. 36-40 Tex.  
fissicollis Lec. 53-399 Ill. Kan. Mo. Tex.  
cavicolis Lec. 59-3 Kan. Ark. Mo. Tx. La.  
\* \* \*
- Pseudonomareetus Ræschke 07-121<sup>19</sup>  
\* (Maronetus Csy. 14-30)<sup>19</sup>  
merkeli Horn 90-71<sup>20</sup> Ida.  
idahoensis Webb. 01-133<sup>20</sup>  
relictus Horn 81-188<sup>20</sup> Ida. Wash.  
v.regularis Lec. 85-2<sup>20</sup>  
imperfectus Horn 60-569<sup>20</sup> N.C. Pa.  
hubbardi Schw. 95-272<sup>20</sup> N.C.  
incompletus Schw. 95-271<sup>20</sup> Va.  
debilis Lec. 53-399<sup>20</sup> Ga. Car.  
v.alpinus Beut. 03-512<sup>20</sup> N.C.  
schwarzi Beut. 13-139<sup>21</sup> N.C.

**Neocychrus**

- longiceps VanD. 24-5 (Brennus)<sup>22</sup>

**Sphaeroderus**<sup>19</sup>

- canadensis Chd. 61-498  
s.canadensis (s.str.)<sup>23</sup> Ont. H.B.T.  
palpalis Mots. 65-312<sup>23</sup> [N.Eng.  
blanchardi Leng. 16-41<sup>23</sup> [N.C.  
s.lengi Darl. 33-63<sup>23</sup> N.C. Tenn.

<sup>15</sup> Arrangement of subgenera and species, Valentine—35.

<sup>17</sup> Revision of subspecies, Valentine—36.

<sup>18</sup> Revision of subgenus, Van Dyke—36.

<sup>19</sup> Listed as valid genus by Lapouge—32, with Sphaeroderus (part) as synonym and subgenus Pseudonomareetus Ræschke (=Maronetus Csy.=).

<sup>20</sup> Vacher de Lapouge—32. (Revision of part of tribe with arrangement differing from that of Breuning.)

<sup>21</sup> Listed as synonym by Nicolay & Weiss—34.

<sup>22</sup> Van Dyke in litt.

<sup>23</sup> Darlington—33.

**GEHRINGIINI****Gehringia Darl. 33-110**

- \* olympica Darl. 33-111 Wash. Mont.

**CARABINI***Carabina*<sup>24</sup>**Carabus Linn. 58-413**

- \* (hummeti Fisch., not N. American)<sup>24</sup>

**CARABUS (s.str.)<sup>24</sup>****EUCARABUS Geh. 85-xxi<sup>24</sup>**

- chamissonis Fisch. 20-88 Alas.-Greenl.-  
brachyderus Wiedem. 24-110<sup>24</sup> [N.H.  
groenlandicus Dej. 31-554<sup>24</sup>  
washingtoni Csy. 20-155<sup>24</sup>  
vinctus Web. 01-42<sup>25</sup> N.Y.-Ga.-Ind.-Ont.  
ligatus Germ. 24-6<sup>24</sup>  
interruptus Say 25-76<sup>24</sup>  
carinatus Dej. 26-79<sup>24 25</sup>  
georgiae Csiki 27-185<sup>24</sup>

- limbatus Say 25-77<sup>25</sup> N.Y.-Ga.-Ill.-Ont.  
gorgi Dej. 31-544<sup>24</sup>

- mæander Fisch. 22-103<sup>27</sup> Sib. N.A.

- incompletus Fisch. 27-303<sup>24</sup>  
ehrenbergi Fisch. 29-368<sup>24</sup>  
palustris Lec. 48-444<sup>24</sup>  
hudsonicus Mots. 65-293<sup>24 25</sup>  
lapilayi Dohrn 78-362<sup>24</sup>  
simoni Heyd. 79-163<sup>24 25</sup>  
excatenatus Kr. 80-337<sup>24</sup>  
excostatus Kr. 80-338<sup>24</sup>  
obscuratus Geh. 85-26<sup>24</sup>  
lecontei Geh. 85-27<sup>24</sup>  
mongolicus Lap. 05-305<sup>24</sup>  
lecontei Angeli 14-75<sup>24</sup>

- n.lapilayi Cast. 35-89<sup>24 25</sup> Newf. St.P.

- atlanticus Lap. 24-191<sup>24</sup> [ & M.  
ARCHICARABUS Seidl. 87-6<sup>24 25</sup>

- nemoralis Müll. 64-21<sup>30</sup>

**n.nemoralis (s.str.)<sup>24</sup>**

- foetens Voet 78-71<sup>24</sup>  
hortensis || Fabr. 75-237<sup>24</sup>  
nigrescens Letz. 50-85<sup>24</sup>  
virescens Letz. 50-85<sup>24</sup>  
tristis DallaT. 77-27<sup>24</sup>  
krasæ Roub. 03-380<sup>24</sup>  
brunnipes Lap. 08-19<sup>24</sup>  
deletus Lap. 08-20<sup>24</sup>  
canadensis Lap. 08-19<sup>24 25</sup>  
auratus Heuer 26-332<sup>24</sup>  
lestagei Basil 30-62<sup>24</sup>

<sup>24</sup> Revision of subtribe, Breuning—32-37.

<sup>25</sup> Placed by Lapouge—32 in genus *Lichnocarabus* Reitt. 96-161. (Synonyms *Mesocarabus* Gehin 85-16 and *Limnocarabus* Gehin 85-27).

<sup>26</sup> Listed as subspecies by Lapouge—32.

<sup>27</sup> Placed in subgenus *Paracarabus* Lap. 32-630 by Lapouge—32.

<sup>28</sup> Listed as genus by Lapouge—32.

<sup>29</sup> Vacher de Lapouge—32. (Revision of part of tribe with arrangement differing from that of Breuning.)



OREOCARABUS Geh. 76-12<sup>24</sup>OREOCARABUS (s.str.)<sup>24</sup>

tædatus Fabr. 87-196 Alas.-N.M.-Man.  
s.tædatus (s.str.)<sup>24</sup>

*seriatus* Wied. 21-109<sup>24</sup>  
*baccivorus* Fisch. 23-87<sup>24</sup>  
*gladiator* Mots. 65-285<sup>24</sup>  
*patulicollis* Csy. 13-57<sup>24</sup>  
*franciscanus* Csy. 13-58<sup>24</sup>  
*bicanaliceps* Csy. 20-154<sup>24</sup>  
*stocktonensis* Csy. 20-155<sup>24</sup>

s.agassii Lec. 50-209<sup>24</sup> Ore.-N.M.-Man.  
*oregonensis* Lec. 54-16<sup>24</sup>  
*gladiator* || Heyd. 79-161<sup>24</sup>  
*canadicus* Roesch. 00-68<sup>24</sup>  
*montanicus* Csy. 13-58<sup>24</sup>  
s.coloradensis Breun. 33-719<sup>24</sup> Colo.

DIOCARABUS Reitt. 96-185<sup>32</sup>

lutshnikianus Basil. 37-63 Alaska

ORINOCARABUS Kr. 78-328<sup>24</sup>

truncaticollis Esch. 29-22<sup>33</sup> Alas., Sib.  
s.alaskensis Basil. 37-63 Alaska

MESOCARABUS Thoms. 75-640<sup>24</sup>

problematicus Hbst. 86-177  
s.gallicus Geh. 85-15<sup>24</sup> Eur.Asia.Cal.  
n.gallicus (s.str.)<sup>24</sup>

*intricatus* || Oliv. 95-20<sup>24</sup>  
*austriacus* Strm. 15-78<sup>24</sup>  
*dissitus* Fisch. 27-170<sup>24</sup>  
*californicus* Mots. 65-287<sup>24</sup>  
*beauvoisi* Kr. 78-158<sup>24</sup>  
*catenulatus* of authors<sup>24</sup>  
*problematicus* Lap. 16-81<sup>24</sup>  
*scandinavicus* Born. 26-65<sup>24</sup>  
*cruris* Csiki 27-79<sup>24</sup>  
*lhommei* Hoffm. 28-12<sup>24</sup>

HEMICARABUS Geh. 85-xix<sup>24</sup> 30<sup>34</sup>HEMICARABUS (s.str.)<sup>24</sup>

serratus Say 25-77<sup>30</sup> Que.-Va.-N.M.-B.C.

*lineatopunctatus* Dej. 26-77<sup>24</sup>  
*ligatus* Kby. 37-18<sup>24</sup>  
*canadensis* Melsh. 53-10<sup>24</sup>  
*vegasensis* Csy. 13-59<sup>24</sup>  
s.tatumi Mots. 65-293<sup>24</sup> H.B.T. Newf.

EURYCARABUS Geh. 85-xxi<sup>24</sup>TANAOCARABUS R. 96-135<sup>24</sup>

forreri Bates 82-320<sup>35</sup> Mex. Ariz.  
sylvosus Say 25-75 Vt.-Fla.-Kan.  
*therminieri* Dej. 26-151<sup>24</sup>  
finitimus Hald. 52-373 Ut.Tex.Okla.Ala.  
*lecontei* Csy. 13-57<sup>24</sup>  
*caseyi* Ang. 14-75<sup>24</sup>

PROCRUSTES Bon. 09-39<sup>24</sup>MEGODONTES Sol. 48-58<sup>24</sup>

vietinghoffi Ad. 12-170  
s.vietinghoffi (s.str.)<sup>24</sup>  
n.vietinghoffi (s.str.)<sup>24</sup> Sib. Alas.  
{B.C. H.B.T.  
(*n.fulgidus* Fisch., not *N. Amer.*)<sup>24</sup>

## Calosoma

\* CALLITROPA Mots. 65-300<sup>36</sup>

protractum Lec. 62-52  
*dolens* Chd. 69-376<sup>36</sup>

\* \* \*

morrisoni Horn 85-128 Colo.  
prominens Lec. 53-400  
v.parvicolle Fall 10-90<sup>36</sup>  
*clemens* Csy. 14-32<sup>36</sup>  
*subgracile* Csy. 13-63<sup>36</sup>  
*pertinax* Csy. 20-163<sup>36</sup>

glabratum Dej. 31-565 S.Am. C.Am.  
v.sponsum Csy. 97-340<sup>36</sup>  
*eremicola* Fall 10-91<sup>36</sup>  
*incertum* Lapouge 24-38<sup>36</sup>  
*hospes* Csy. 13-63<sup>36</sup>  
*parviceps* Csy. 97-341<sup>36</sup>  
*rugosipenne* Schffr. 11-113<sup>36</sup>

PARACALOSOMA Br. 27-145<sup>36</sup>

palmeri Horn 76-199<sup>36</sup>

\* \* \*

affine Chd. 43-746  
v.triste Lec. 44-201<sup>36</sup>  
v.tristoides Fall 10-92<sup>36</sup>

calida Fab. 75-237  
v.stellata Csy. 97-344<sup>36</sup>  
*concreta* Csy. 20-157<sup>36</sup>

tepidum Lec. 49-199  
*pallax* Csy. 20-160<sup>36</sup>  
cancellatum Esch. 29-23 Cal.  
*praestans* Csy. 20-159<sup>36</sup>  
*rectilatera* Csy. 20-158<sup>36</sup>  
*sagar* Csy. 20-158<sup>36</sup>  
*aenescens* Lec. 54-16<sup>37</sup>

moniliatum Lec. 49-200  
*bicolor* Walk. 66-313 (Carabus)<sup>36</sup>  
*vancouverensis* Csiki 27-286  
[(Carabus)<sup>36</sup>]

## Callisthenes

discors Lec. 57-31  
v.dietzi Schffr. 04-197<sup>36</sup>  
v.schaefferi Breun. 28-80<sup>36</sup>  
*irregularis* || Schffr. 15-235<sup>36</sup>

striatus Breun. 28-86  
*striatulus* || Lec. 59-4<sup>36</sup>

luxatus Say 23-149  
*klamathensis* Csy. 20-169<sup>36</sup>  
v.zimmermanni Lec. 49-445<sup>36</sup>  
*parowanus* Csy. 20-167<sup>36</sup>  
*debilis* Csy. 20-167<sup>36</sup>  
*tegulatus* Csy. 13-72<sup>36</sup>  
*viator* Csy. 13-72<sup>36</sup>

v.pimelioides Walk. 66-312<sup>36</sup>  
*pustulosus* Csy. 13-73<sup>36</sup>  
a.striatus Breun. 28-86<sup>36</sup>  
*reflexus* Csy. 20-164<sup>36</sup>  
*semotus* Csy. 20-166<sup>36</sup>  
*utensis* Csy. 20-165<sup>36</sup>  
a.subasperatus Schffr. 15-235<sup>36</sup>

<sup>32</sup> Basilewsky—37.

<sup>33</sup> Placed in Diocarabus by Basilewsky—37.

<sup>34</sup> Reference given as 76-25 by Gehin.

<sup>35</sup> Van Dyke—38.

<sup>36</sup> Csiki and Hetschko—33.

<sup>37</sup> Leng Catalog.

**Elaphrus** Fabr. 75-227

**TRICHELAPHRUS** Sem. 26-39  
*horni* Csiki 27-420<sup>1</sup> Cal.  
*viridis* Horn 78-52<sup>2</sup>

**Nebria** Latr. 66-221

**NEBRIA** (s.str.)<sup>3</sup>  
*crassicornis* VanD. 25-121  
*meanyi* VanD. 25-118  
*piperi* VanD. 25-117  
*schwarzi* VanD. 25-116

**NEBRIOLA** Dan. 63-164<sup>4</sup>  
*lyelli* VanD. 25-120  
*riversi* VanD. 25-115  
*spatulata* VanD. 25-119  
*kincaidi* Schw. 60-525<sup>5</sup>  
*columbiana* Csy. 13-48<sup>6</sup>  
*paradisi* Darl. 31-24<sup>7</sup>  
*kincaidi* Bann. 25-264<sup>8</sup>  
*vandykei* Darl. 30-104<sup>9</sup>

**Oxydrepanus** Putz. 66-103

\* *rufus* Putz. 46-564<sup>10</sup> Cuba, Fla.  
*brevicarinatus* Putz. 46-571<sup>11</sup>

**Clivina**

*oregona* Fall 22-164 (Dyschirius)<sup>12</sup>

**Goniotropis** Gray 32-273<sup>13</sup>

\* *parca* Lec. 84-2<sup>14</sup> Ariz.

**Psydrus** Lec.

\* (*Monillipatrobus* Hatch 33-118)<sup>15</sup>  
*piceus* Lec. 46-154 Cal.-L.Sup.  
*punctatus* Hatch 33-118<sup>16</sup>

**Bembidion**

**PLATAPHUS** Mots. 64-184<sup>17</sup>  
*planiusculum* Mannh. 43-215  
*basicorne* Notm. 20-185 (Microme-  
 lomalus)<sup>18</sup>  
*nigrum* Say 23-55<sup>19</sup>  
*quadrulum* Lec. 61-340<sup>20</sup>  
*recticollis* Lec. 63-19<sup>21</sup>  
*concolor* Kby. 37-54<sup>22</sup>

**EUPETEDROMUS** Net. 11-190<sup>23</sup>  
*lengi* Notm. 19-98<sup>24</sup>

**PLATAPHODES** Ggib. 92-152<sup>25</sup>  
*kupriatovi* Marsh. 43-217  
*bucolicum* Csy. 18-34 (Trechone-  
 [phra])<sup>26</sup>

\* \* \*

*planum* Hald. 43-303  
*rufum* Csy. 18-55<sup>27</sup>  
*filicorne* Csy. 18-56<sup>28</sup>

**TRICHOPLATAPHUS** Net. 14-  
[51]<sup>29</sup>

*fugax* Lec. 48-467<sup>30</sup>  
*champlaini* Csy. 18-56<sup>31</sup>

\* \* \*

*grapei* Gyll. 27-403<sup>32</sup> Greenl.  
*caducum* Csy. 18-80  
*albidipenne* Csy. 18-80<sup>33</sup>  
*petulans* Csy. 18-81<sup>34</sup>  
*imperitum* Csy. 18-81  
*prociduum* Csy. 18-91<sup>35</sup>  
*?simulator* Csy. 18-93<sup>36</sup>  
**FURCACAMPA** Net. 31-153<sup>37</sup>  
*affine* Say 23-86 (Notaphus)<sup>38</sup>

\* \* \*

*anguliferum* Lec. 52-185 N.S.-N.Eng.-  
*habile* Csy. 18-162<sup>39</sup> [B.C.-Cal.]

**ANILLINI**

*Anillina*<sup>40</sup>

**Anillinus** Csy. 18-167

\* (*Anillaspis* Csy. 18-168)<sup>41</sup>  
*explanatus* Horn 88-26 Cal.  
*debilis* Lec. 53-397 Cal, Tex.  
*fortis* Horn 63-127 D.C.-Ga.-Tenn.  
*carolinae* Csy. 18-168<sup>42</sup>  
*dohrni* Ehlers 84-36 Fla.  
*affabilis* Brues 62-361 Tex.

\* \* \*

**Tachys**

*nanus* Gyll. 10-39  
*inornatus* Say 23-88<sup>43</sup>  
*ricularis* Mots. 50-3<sup>44</sup>

**PATROBINI**<sup>45</sup>

**Patroboidea** VanD. 25-67  
 \* *rufa* VanD. 25-69 Alas.-Wash.

**Platypatrobus** Darl. 38-146  
 \* *lacustris* Darl. 38-146 L.Sup.

**Diplous** Mots. 50-10

\* (*Platidius* Chd. 71-51)<sup>46</sup>  
*californicus* Mots. 59-123 Cal.-Mont.-  
*trochanterinus* Lec. 69-375<sup>47</sup> [B.C.]  
*latipennis* Csy. 18-399<sup>48</sup>  
*incisus* Csy. 18-399<sup>49</sup>  
*strenuus* Csy. 18-400<sup>50</sup>  
*rectus* Csy. 18-400<sup>51</sup>  
*sierranus* Csy. 18-401<sup>52</sup>  
*breviusculum* Csy. 18-401<sup>53</sup>  
*aterrimus* Dej. 28-32 Alas.-Ore.-Colo.  
*fuleratus* Dej. 69-374<sup>54</sup>  
*breviceps* Csy. 18-402<sup>55</sup>  
*tenuitarsis* Csy. 18-403<sup>56</sup>  
*coloradensis* Csy. 18-403<sup>57</sup>  
*reflexus* Csy. 18-403<sup>58</sup>

<sup>1</sup> C. & G. Cat. p. 92.

<sup>2</sup> L. m. Catalog.

<sup>3</sup> Banninger—33.

<sup>4</sup> Darlington—35.

<sup>5</sup> Csiki, Col. Cat. p. 92.

<sup>6</sup> Fall in Brit.

<sup>7</sup> Listed as a valid genus by Csiki & Motschko—33, but placed in tribe Ozanini rather than Panacellini as by Leng.

<sup>8</sup> Csiki & Motschko—33.

<sup>9</sup> Hatch—35.

<sup>10</sup> Csiki, Col. Cat. p. 126.

<sup>11</sup> Nicolay & Weiss—31.

<sup>46</sup> Cited as valid by Henriksen—35.

<sup>47</sup> Revision of subtribe, Jeannel—37.

<sup>48</sup> Revision of tribe, Darlington—38.

<sup>50</sup> Csiki—Col. Cat. p. 98.

*filicornis* Csy. 18-404 Cal.-B.C.  
*aterrimus* of Horn (part)<sup>49</sup>  
*rugicollis* Rand. 38-560 N.E.N.A.  
*angicollis* Rand. 38-1 (missprint)<sup>49</sup>  
*longipalpis* Notm. 19-231<sup>49</sup>

**Patrobus** Dej. 21-10

\* **NEOPATROBUS** Darl. 34-155  
*longicornis* Say 25-40 Newf.-B.C.-Fla.-  
*americanus* Dej. 28-34<sup>49</sup> [Ariz.  
*lecontei* Chd. 71-47  
*s.lecontei* (s.str.)<sup>49</sup> Colo.Alb.L.Sup.  
*rufipes* || Lec. 63-18<sup>49</sup> [H.B.T.  
*septentrionis* Horn 75-130 (part)<sup>49</sup>  
*canadensis* Csy. 24-67<sup>49</sup>  
*s.gravidus* Darl. 38-159<sup>49</sup> Newf.  
*fossifrons* Esch. 23-104  
*s.fossifrons* (s.str.)<sup>49</sup> Alaska  
*longiventris* Mannh. 53-145<sup>49</sup>  
*fulvus* Mannh. 53-145<sup>49</sup>  
*latiusculus* Chd. 71-46<sup>49</sup>  
*septentrionis* Horn 75-130 (part)<sup>49</sup>  
*s.dimorphicus* Darl. 38-161 Alas.-Cal.-  
[Colo.  
*s.stygicus* Chd. 71-46<sup>49</sup> Alas.-B.C.-  
[Lab.-Newf.  
*tenuis* || Csy. 20-186 (not 1918)<sup>49</sup>

**PATROBUS** (s.str.)  
*septentrionis* Dej. 28-29 Eur. Sib. Alas.-  
*fossor* || O. Fab. 80-190<sup>49</sup> [Newf.  
*hyperboreus* Dej. 28-30<sup>49</sup>  
*fossifrons* || Chd. 71-44<sup>49</sup>  
*labradorinus* Csy. 18-395<sup>49</sup>  
*minuens* Csy. 18-396<sup>49</sup>  
*tenuis* || Csy. 18-396 (not Csy. 1920)<sup>49</sup>  
*tritius* Csy. 20-186<sup>49</sup>

**GEOPATROBUS** Darl. 38-157

*foveocollis* Esch. 23-105  
*s.foveocollis* (s.str.)<sup>49</sup> Alaska  
*fossifrons* Dej. 28-31<sup>49</sup>  
*foveicollis* Chd. 71-45 (part)<sup>49</sup>  
*septentrionis* Horn 75-130 (part)<sup>49</sup>  
*s.tenuis* Lec. 50-207<sup>49</sup> Alas.-Colo.-Lab.-  
*angusticollis* Mannh. 53-146<sup>49</sup> [N.Y.  
*foveicollis* Chd. 71-45 (part)<sup>49</sup>  
*tenuis* Chd. 71-46  
*obtusiusculus* Chd. 71-43<sup>49</sup>  
*septentrionis* Horn 75-130 (part)<sup>49</sup>  
*laeviceps* Csy. 18-397<sup>49</sup>  
*insularis* Csy. 18-397<sup>49</sup>

\* \* \*

**Trechus** Clairv. 06-22

**TRECHUS** (s.str.)

*obtusus* Er. 37-122<sup>51</sup> Eur. Wash.  
*quadristriatus* || Duft. 12-185<sup>50</sup>  
*tristis* || Steph. 27-170<sup>50</sup>  
*! laevis* Steph. 32-384<sup>50</sup>  
*castanopterus* Heer 41-120<sup>50</sup>

*chalybæus* Dej. 31-17

*v.brachyderus* Jeann. 31-432<sup>52</sup> Mt.Wy.  
*v.californicus* Mots. 45-347<sup>52</sup> Alas.-Ore.  
*v.tahoensis* Csy. 18-407<sup>52</sup> Cal. Nev.

*coloradensis* Schffr. 15-48  
*v.arcticollis* Jeann. 31-428<sup>52</sup> Ida.  
*v.gravidulus* Jeann. 31-429<sup>52</sup> N.M.  
*ovipennis* Mots. 45-348  
*v.conformis* Jeann. 27-188<sup>52</sup>

**Lasiotrechus** Ganglb. 92-187

\* (*Blemus* || Redt. 58-67)<sup>59</sup>  
*discus* Fabr. 01-207<sup>53 54</sup> Eur. Asia, Que.

**PTEROSTICHINI**

*Stereocerus* Kby. 37-34<sup>55</sup>  
*Cylindrocharis* Csy. 18-326  
\* *grandiceps* Lec. 48-336 Tenn.N.C. Ga.  
*rostrata* of Csy. 18-327<sup>56</sup>  
*rostrata* Newm. 38-387 Me.-Tenn.  
*sulcatula* Csy. 18-327<sup>56</sup>  
*piceata* Csy. 18-327<sup>56</sup>

**Pterostichus**

\* **ORSONJOHNSONUS** Htch 33-119  
*johnsoni* Ulke 89-59<sup>51</sup> Ore. Wash.

**OMASEUS** Steph. 28-67

*vulgaris* Linn. 58-415 Eur. B.C.-Ore.  
*melanarius* Ill. 98-163<sup>51 57 58</sup>

\* **HYPHERPES** Chd. 38-8<sup>59</sup>

*tuberculo-femoratus* Hatch 36-701 Ore.  
*castaneus* Dej. 28-326 Alas.-Ore.  
*novellus* Csy. 13-102 B.C.-Cal.  
*metlakatlæ* Csy. 13-102 B.C.  
*terraccensis* Csy. 24-68 B.C.  
*stoicus* Csy. 24-68 B.C.  
*amethystinus* Mannh. 43-201 Alas.-Cal.  
*scutellaris* Lec. 73-312 Cal.  
*ecarinatus* Hatch 36-702 Ida. Wash.

\* \* \*

\* **LEPTOFERONIA** Csy. 18-336<sup>59</sup>

*oregonus* Csiki 30-582 Wash. Ore.  
*longicollis* Lec. 52-239<sup>59</sup>  
*infernalis* Hatch 36-705 Ore.  
*fenyesi* Csiki 30-582 Cal.-Ore.  
*ovicollis* Schffr. 10-393<sup>59</sup>  
*sphodrinus* Lec. 63-10 Ida. Wash.  
*fuchsi* Schffr. 10-392 Cal.  
*fugiens* Csiki 30-582  
*fugax* Csy. 18-337<sup>59</sup>  
*larvalis* Csy. 18-337<sup>59</sup>  
*humilis* Csy. 13-128<sup>59</sup>  
*horni* Lec. 73-313 Cal.  
*idahoensis* Hatch 36-706 Ida.  
*angustus* Dej. 28-328 Cal.  
*crucialis* Csy. 13-126<sup>59</sup>  
*inanis* Horn 91-32 Wash.-Cal.-Nev.  
*idahoæ* Csiki 30-582 Ida.  
*elongatus* || Schffr. 10-365<sup>59</sup>  
*beyeri* VanD. 25-71 Mont.

<sup>53</sup> Chagnon—34.

<sup>54</sup> Chagnon—35.

<sup>55</sup> Transferred from Amarini by Leech—35.

<sup>56</sup> Nicolay & Weiss—34.

<sup>57</sup> Numerous other synonyms listed in Csiki—Col.

Cat. p. 112.

<sup>58</sup> Leech—35.

<sup>59</sup> Revision of subgenus, Hatch—36.

<sup>51</sup> Hatch—33.

<sup>52</sup> Csiki—Col. Cat. p. 126.

- termitiformis VanD. 25-74 Ore.  
 falli VanD. 25-73 Cal.  
 caligans Horn 91-33 Cal.  
 ITHYTOLUS Bates 84-277  
 arizonicus Schffr. 10-393<sup>60</sup>
- Anilloferonia** VanD. 26-115  
 \* testacea VanD. 26-116 Wash.  
 lanei Hatch 35-116 Ore.
- Euferonia** Csy. 18-365<sup>61</sup>  
 \* iripennis Nic. & Weiss 34-200 S.C.  
 stygica Say 25-41 Ont.-N.C.-La.-Ia.  
   *bisignatus* Harris 28-123<sup>61</sup>  
   *rugicollis* Hald. 43-300<sup>61</sup>  
   *picipes* Newm. 38-377<sup>61</sup>  
   *quadrifera* Csy. 18-366<sup>61</sup>  
   *proba* Csy. 13-133<sup>61</sup>  
   *ingens* Csy. 18-367<sup>61</sup>  
   *umbonata* Csy. 18-368<sup>61</sup>  
   *subaequalis* Csy. 18-368<sup>61</sup>  
   *v.vapida* Csy. 13-134<sup>61</sup> N.H.-N.Y.  
 lachrymosa Newm. 38-386 Me.-N.C.-O.  
 washingtonensis Nic. & Weiss 34-203 N.H.  
 v.rufitarsis Nic. & Weiss 34-204<sup>61</sup> N.C.  
 coracina Newm. 38-386 Newf.-Va.  
   *moerens* Newm. 38-387<sup>61</sup> [L.Sup.  
   *adjuncta* Lec. 52-245<sup>61</sup>  
   *venator* Csy. 20-189<sup>61</sup>  
   *lacustris* Csy. 24-71<sup>61</sup>  
   *v.roanica* Csy. 20-188<sup>61</sup> Md.-N.C.-Ky.  
   *strigosula* Csy. 24-72<sup>61</sup>  
   *v.erebea* Csy. 13-134<sup>61</sup> Me.-Pa.-Wis.  
   *ludibunda* Csy. 20-189<sup>61</sup>  
 relicta Newm. 38-387 N.Y.-N.C.-L.Sup.  
   *protensa* Lec. 63-12<sup>61</sup> (not La.)  
 flebilis Lec. 52-245 L.Sup.
- Cryobins** Chd. 38-11<sup>62</sup>  
 mandibularis Kby. 37-31 Arctic N.A.  
 arcticola Chd. 68-339<sup>62</sup>  
 hudsonicus Lec. 63-11 (Pterost.)<sup>62</sup>
- Melanlus** Bon. 10-tab. syn. 61<sup>62</sup>  
 \* (*Omasus* Leng, not Steph.)<sup>61</sup>  
 ebeninus Dej. 28-307 N.Y.-Fla.-Tex.  
   *acutangulus* Chd. 43-771<sup>61</sup>  
 caudicallis Say 23-56 N.J.-Va.-Ore.  
   *nigrita* Kby. 37-32<sup>61</sup>  
   *agrestis* Bland. 65-381<sup>61</sup>  
   *brevibasis* Csy. 24-73<sup>61</sup>  
 luctuosus Dej. 28-284 Newf.-Va.-Ill.  
   *abjectus* Lec. 52-243<sup>61</sup>  
   *hamatus* Harr. 28-123<sup>61</sup>  
   *confluens* Csy. 24-73<sup>61</sup>  
   *testaceus* Csy. 24-74<sup>61</sup>  
   *v.tenuis* Csy. 24-73<sup>61</sup>  
 corvinus Dej. 28-281 N.Y.-Ga.-L.Sup.  
   *subpunctatus* Harr. 28-123<sup>61</sup>  
   *tenebrosus* Chd. 37-30<sup>61</sup>  
   *aequalis* Csy. 24-72<sup>61</sup>
- Dysidius** Chd. 38-8<sup>61</sup>  
 \* purpuratus Lec. 52-242<sup>64</sup> N.J.-Va.-Ill.  
   *?parallelus* Mots. 59-147<sup>61</sup>  
   *ohionis* Csiki 30-638<sup>61</sup>  
   *trinarius* Csy. 18-377<sup>61</sup>  
 mutus Say 23-44 N.E.U.S.  
   *carbonarius* Dej. 28-283<sup>61</sup>  
   *morosus* Dej. 28-283<sup>61</sup>  
   *pivicornis* Kby. 37-33<sup>61</sup>  
   *pulvinatus* Hausen 91-253<sup>61</sup>  
   *stenops* Hausen 91-252<sup>61</sup>  
   *v.egens* Csy. 24-74<sup>61</sup> N.J. E.U.S.
- Loxandrus**  
 infimus Bates 82-87<sup>63</sup> Gua. Mex. Tex.
- Amara**  
 CURTONOTUS Steph. 28-138  
 aulica Panz. 97-3<sup>66</sup> Eur. Asia, N.S.  
 AMARA (s.str.)  
 familiaris Duft. 12-119<sup>67</sup> Eur. N.Eng.  
   *humilis* Csy. 18-302<sup>67</sup>  
 ænea DeG. 74-98<sup>67</sup> Eur. N.Eng.  
   *devincta* Csy. 18-307<sup>68</sup>
- Platynus** Bon. 09.<sup>69</sup>  
 LEUCAGONUM Csy. 20-99<sup>69</sup>  
 AGONUM Bon. 09-tab. syn.<sup>69 70</sup>  
 pallipes Fabr. 01-187<sup>70</sup>  
   *limbatus* Say 23-49<sup>70 71</sup>  
 MELANAGONUM Csy. 20-111<sup>69</sup>  
 PARAGONUM Csy. 20-123<sup>69</sup>  
 belleri Hatch 33-120<sup>69</sup> Wash.  
 \* \* \*  
 (*obscurus* Hbst. 84-139, not N. Amer.)<sup>69</sup>  
 OXYPSELAPHUS Chd. 43-415<sup>69</sup>  
 pusillus Lec. 54-39 Wash.-Can.-N.Y.  
   *americanus* || Lec. 48-256<sup>69</sup>  
   *oblongus* || Ham. 88-61<sup>69</sup>  
   *obscurus* || Ham. 94-354<sup>69</sup>
- Colpodes**  
 falli Darl. 36-152 Ariz.
- Lachnophorus** Dej. 31-28<sup>72</sup>  
 \* ARETAONUS Liebke 36-461<sup>73</sup>  
 elegantulus Mannh. 43-215 Cal.-Tx.-C.R.  
   *mediostignatus* Mén. 44-62<sup>73</sup>  
 sculptifrons Bates 78-604<sup>73</sup> Tx.-Mx.-Nlc.  
 COLLIURINI<sup>74</sup>

<sup>60</sup> Placed in *Leptoferonia* by Hatch—36, but transferred here by Darlington—36.

<sup>61</sup> Revision of genus, Nicolay & Weiss—34.

<sup>62</sup> As subgenus of *Pterostichus* by Csiki—Col. Cal. p. 112.

<sup>63</sup> Brown—37.

<sup>64</sup> This name was invalidated (according to some interpretations of the Rules) by being at one time transferred to *Pterostichus* where there is an older use of the name.

<sup>65</sup> Darlington—38.

<sup>66</sup> Fall—34.

<sup>67</sup> Darlington—36.

<sup>68</sup> Also numerous other synonyms in Csiki—Col. Cat. p. 104.

<sup>69</sup> Rearrangement of subgenera, Hatch—33.

<sup>70</sup> Buchanan—39 (cites *Agonum* as genus).

<sup>71</sup> Fall—33.

<sup>72</sup> Revision of genus, Liebke—36.

<sup>73</sup> Leng Catalog.

<sup>74</sup> Revision of tribe, Liebke—37.

**Colliuris** DeG. 74-79<sup>74</sup>

- \* ODACANTHELLA Lbk. 30-658<sup>74</sup>  
 pennsylvanica Linn. 58-620 U.S.  
 lengi Schffr. 10-395 Ariz.  
 CALOCOLLIURIS Lbk. 37-55<sup>74</sup>  
 ludoviciana Sallé 49-297 Fla.-La.-Yuc.

**Calybe** Cast. 34-92<sup>74</sup>

- \* EGA Cast. 34-93<sup>74</sup>  
 sallei Chevr. 39-308 Fla.-La.-Nic.  
 lætula Lec. 49-173 Colo.-Mex.-Gua.

**Leptotrachelus** Latr. 29-371<sup>74</sup>

- \* pallidulus Mots. 64-218 Tex.  
 dorsalis Fabr. 01-229 U.S. Mex. Cuba  
 depressus Blatch. 23-15 Fla.

**Comstockia** VanD. 18-179<sup>74</sup>

- \* subterranea VanD. 18-182 Tex.

\* \* \*

**Zuphium** Latr. 06-198<sup>75</sup>

- \* magnum Schffr. 10-396 Tex.  
 longicollis Lec. 79-62 Tex. Mex.  
 delectum Lbke. 33-469 Mass.  
 americanum Dej. 31-298 U.S.  
 mexicanum Chd. 62-314 Ariz. Mx.-C.R.

**Pseudaptinus** Cast. 35-50<sup>76</sup>

- \* PSEUDAPTINUS (s.str.)<sup>76</sup>  
 lecontei Dej. 31-301 Fla. Ga. La.  
 tenuicornis Chd. 72-6 Tex. Mex.  
 tenuicollis Lec. 49-173 Cal. Tex.  
 THALPIUS Lec. 51-174<sup>76</sup>  
 pygmaeus Dej. 26-460 Fla. La. Cuba  
 höge Bates 82-77 Tex. Mex.  
 horni Chd. 72-3 Cal.  
 rufulus Lec. 49-173 Cal.

\* \* \*

- dorsalis Brullé 34-181<sup>77</sup> D.C. Fla. La.  
 cubanus Chd. 62-252<sup>78</sup> Fla. Cuba

**Brachynus****BRACHYNUS** (s.str.)<sup>79</sup>

- affinis Lec. 48-204<sup>79</sup> Ind.  
 alternans Dej. 25-316<sup>79</sup> Ind.  
 alternans || Lec. 48-198<sup>79</sup> U.S.  
 americanus Lec. 44-48<sup>79</sup> Ind.Fla.  
 ballistarius Lec. 48-199<sup>79</sup> N.Y.Ind.N.M.  
 carinulatus Mots. 59-139<sup>79</sup> Cal.Ariz.Mx.  
 glabripennis Lec. 58-28<sup>79</sup>  
 cinctipennis Chev. 34-163<sup>79</sup> Ar.N.M.Mx.  
 conformis Dej. 31-427<sup>79</sup> U.S.  
 patruelis Lec. 44-50<sup>79</sup>  
 cordicollis Dej. 26-466<sup>79</sup> U.S.  
 velox Lec. 48-206<sup>79</sup>  
 conformis || Lec. 79  
 ?cephalotes Dej. 25-317<sup>79</sup>  
 costipennis Mots. 59-138<sup>79</sup> Ariz.Cal.  
 lecontei Mots. 59-39<sup>79</sup>  
 cyanipennis Say. 23-143<sup>79</sup> Fla.Ind.

<sup>75</sup> Revision of genus, Liebke—33.<sup>76</sup> Revision of genus, Liebke—34.<sup>77</sup> Leng Catalog.<sup>78</sup> Darlington—35.<sup>79</sup> Synonymy revised by Csiki—33.**deyrollei** Laf. 41-42<sup>79</sup>

Tex.Ind.

- strenuus Lec. 44-48<sup>79</sup>  
 a.tormentarius Lec. 48-200<sup>79</sup> S.St.  
 [W.St.  
 distinguishing Chd. 68-287<sup>79</sup> N.A.  
 fidelis Lec. 62-524<sup>79</sup> Cal.-N.M.  
 fumans Fab. 81-307<sup>79</sup> N.Y.-Fla.

- librator Dej. 31-425<sup>79</sup>  
 cyanopterus Lec. 44-49<sup>79</sup>  
 perplexus || Lec. 48-203<sup>79</sup>  
 sufflans Lec. 48-204<sup>79</sup>  
 a.similis Lec. 48-199<sup>79</sup> N.Y.  
 gracilis || Blatch. 10-160<sup>79</sup> Ind.  
 janthinipennis Dej. 31-412<sup>79</sup> U.S.  
 kansanus Lec. 62-524<sup>79</sup> Kans.Ariz.  
 lateralis Dej. 31-424<sup>79</sup> U.S. C.A. S.A.  
 leptocerus Chd. 68-296<sup>79</sup> N.A.  
 leucoloma Chd. 68-301<sup>79</sup> Cal.  
 limbiger Chd. 76-81<sup>79</sup> Cal. Mex.-S.A.  
 medius Harris 28-117<sup>79</sup> N.Eng. Ind.  
 minutus Harris 28-117<sup>79</sup> N.Y. Ind.

- pumilio Lec. 48-208<sup>79</sup>  
 ovipennis Lec. 62-525<sup>79</sup> U.S.  
 cephalotes || Lec. 48-205<sup>79</sup>  
 phæocerus Chd. 68-300<sup>79</sup> N.A.  
 puberulus Chd. 68-294<sup>79</sup> Fla.  
 pulchellus Blatch. 10-161<sup>79</sup> Ind. Fla.  
 quadripennis Dej. 25-316<sup>79</sup> S.St. W.St.  
 neglectus Lec. 44-49<sup>79</sup>

- rejectus Lec. 62-525<sup>79</sup> M.St. W.St.  
 cordicollis || Lec. 48-206<sup>79</sup>  
 rugipennis Chd. 68-297<sup>79</sup> U.S.  
 stenomus Chd. 68-291<sup>79</sup> U.S.  
 stygicornis Say 34-415<sup>79</sup> Kan. Fla.  
 oxygonus Chd. 43-714<sup>79</sup>  
 sublaevis Chd. 68-293 U.S.  
 tenuicollis Lec. 44-49<sup>79</sup> U.S.  
 texanus Chd. 68-299 U.S.  
 tschernikhi Mannh. 43-184<sup>79</sup>  
 puncticollis Lec. 58-28<sup>79</sup>  
 viridipennis Dej. 31-426<sup>79</sup> U.S.  
 viridis Lec. 44-49<sup>79</sup>  
 lecontei Lec. 44-49<sup>79</sup>  
 a.perplexus Dej. 31-426<sup>79</sup> U.S.

\* \* \*

**Miscodera** Esch. 30-63<sup>80</sup>

- \* insignis Mannh. 52-296 Alas. Wash.  
 arctica Payk. 00-85 Eur. Sib.  
 s.erythropus Mots. 44-75<sup>80</sup> Sib. Alas.-  
 americanus Mann. 53-134<sup>80</sup> [N.Y.  
 hardyi Chd. 61-525<sup>80</sup>

\* \* \*

**Chlaenius**

- crestonensis Brown 33-43 B.C.  
 leucoscells Chev. 34-71  
 s.leucoscells (s.str.)<sup>81</sup> Wash.-Colo.-  
 monachus Lec. 51-180<sup>81</sup> [Guat.  
 chlorophamus || Lec. 48-435<sup>82</sup>  
 s.cordicollis Kby. 37-22<sup>81</sup>  
 [E.Can.-L.Sup. Va.

<sup>80</sup> Revision of genus, Hatch—33.<sup>81</sup> Darlington—34.<sup>82</sup> Csiki—31.

**Selenophorus**

- discopunctatus* Dej. 29-92 S.A. W.I. Fla.  
*chokoloskei* Leng. 15-596<sup>85</sup>  
*cuprinus* Dej. 29-96<sup>84</sup>  
*harpaloides* Reiche 43-142<sup>84</sup>  
*acratulus* Reiche 43-142<sup>84</sup>

**Stenomorphus** Dej. 31-696<sup>85</sup>

- \* (*Agaosoma* Mén. 44-63)<sup>85</sup>  
*convexior* Notm. 22-103 Ariz. Mex.  
*californicus* Mén. 44-63 Kan.-Mex.-  
*rufipes* Lec. 59-59<sup>85</sup> [Cal.-L.Cal.  
*batesi* Csy. 14-168<sup>85</sup>  
*seolopax* Csy. 14-169<sup>85</sup>  
*arcuatus* Csy. 24-122<sup>85</sup>  
*parallelus* Csy. 24-122<sup>85</sup>

\* \* \*

**Agonoderus**

- lecontei* Chd. 68-14  
*pallipes* of authors (not Fab.)<sup>86 87</sup>

**Pseudomorpha** Kby. 25-98<sup>88</sup>

- \* (*Heteromorpha* Kby. 25-109)<sup>88</sup>  
(*Axinophorus* Dej. & Bois. 29-60)<sup>88</sup>  
(*Drepamus* Dej. 31-434)<sup>88</sup>  
*alutacea* Notm. 25-17 N.M.  
*angustata* Horn 83-274 Ariz. N.M.  
*behrensi* Horn 70-76 Cal. Mex.  
*castanea* Csy. 09-278 Ut. Cal.  
*champlaini* Notm. 25-20 Ariz. Cal.  
*consanguinea* Notm. 25-18 Cal. Ariz.  
*erunkhitei* Horn 67-151 Cal.  
*cylindrica* Csy. 89-40 Tex.  
*exerucians* Kby. 25-101 Ga. La. Ala.  
*lecontei* Dej. & Bois. 29-176<sup>88</sup>  
*falli* Notm. 25-15 Cal.  
*hubbardi* Notm. 25-15 Ariz.  
*ruficollis* Csy. 24-148 La.  
*schwarzi* Notm. 25-21 Ariz.  
*tenebroides* Notm. 25-16 Ariz.  
*vandykei* Notm. 25-18 Ariz.  
*vicina* Notm. 25-17 Cal.  
*vindicata* Notm. 25-19 Utah

**HALIPLIDÆ****Haliplus** Latr. 02-77<sup>1</sup>

- \* HALIPLUS (s.str.)<sup>1</sup>  
*strigatus* Robts. 13-110 Man.-B.C.-Wyo.  
*robertsi* Zimm. 24-73 Colo.-B.C.-Cal.  
*pallidus* Robts. 13-109<sup>1</sup>  
*dorsomaculatus* Zimm. 24-75 Cal. Colo.  
*distinctus* Wallis 32-17 B.C.  
*hoppingi* Wallis 32-19 B.C.  
*longulus* Lec. 50-211 N.A.

<sup>85</sup> Darlington—35.<sup>86</sup> Csiki—32.<sup>87</sup> Revision of genus, Darlington—36.<sup>88</sup> Buchanan—39.<sup>89</sup> Fall—33.<sup>90</sup> Csiki—33.<sup>91</sup> Revision of genus, Waki 32.

- immaculicollis* Harr. 28-164 N.A.  
*americanus* Aube 38-26<sup>1</sup>  
*impressus* Kby. 37-65<sup>1</sup>  
*ruficollis* [ Cr. 73-385<sup>1</sup>

*blanchardi* Robts. 13-108 Ct.-Minn.-La.  
PARALIAPHLUS Guignot 28-138<sup>1</sup>

- borealis* Lec. 50-212 L.Sup. Minn. Man.  
*lewisi* Cr. 73-384 Tex.  
*ohioensis* Wallis 32-27 O. Ill.  
*minor* Zimm. 24-192 Tex.  
*annulatus* Robts. 13-107 Fla. S.C.  
*confluentus* Robts. 13-106 Fla. S.C.  
*triopsis* Say 25-106 N.Eng. Fla. N.M. Ont.  
*pantherinus* Aube 38-29 E.N.A. Minn. La.  
*deceptus* Math. 12-166 Tex. N.M.  
*suturalis* Robts. 13-96<sup>1</sup>  
*punctatus* Aube 38-32 Fla.-Tex.  
*mutchleri* Wallis 32-38 Fla.  
*leopardus* Robts. 13-98 Mass.-S.C.  
*pseudofasciatus* Wallis 32-41 S.C. Kan.

\* LIAPHLUS Guignot 28-138<sup>1</sup>

- fasciatus* Aube 33-30 N.Eng.-S.C.-Kan.  
*connexus* Math. 12-164 N.S.-Mass.-Minn.  
*mimeticus* Math. 12-168 Pac. Cst. Mex.  
*rugosus* Robts. 13-102 Cal.  
*apostolicus* Wallis 32-46 Minn.  
*cribrarius* Lec. 50-202 Lab.-Vt.-Minn.  
*canadensis* Wallis 32-51 Mass.-B.C.  
*nitens* Lec. 50-212 Mich.-Wis.-Tex.  
*subguttatus* Robts. 13-101 N.S.-N.Eng.-  
[B.C.]

- salinarius* Wallis 32-56 B.C.  
*vancouverensis* Math. 12-163 B.C.  
*salmo* Wallis 32-61 Alb.  
*leechi* Wallis 32-63 B.C.  
*columbiensis* Wallis 32-66 B.C.  
*ungularis* Wallis 32-65 B.C.  
*gracilis* Robts. 13-102 Ore. Cal.  
*cylindricus* Robts. 13-102 Cal.  
*tumidus* Lec. 80-166 Tex. Cal.  
*concolo* Lec. 52-201 Cal.

**DYTISCIDÆ****Hygrotus** Steph. 28-46<sup>2</sup>

- COELAMBUS Thoms. 60-13<sup>3</sup>  
*curvipes* Leech 38-54 Cal.

**Hydroporus** Clairv. 06-182<sup>3</sup>

- HYDROPORUS (s.str.)<sup>3</sup>  
HETEROSTERNUS Zimm.<sup>3</sup>  
DERONECTES Shp.<sup>3 4</sup>

- brodei* Gellerm. 28-63<sup>5</sup>  
STICTOTARSUS Zimm.<sup>3</sup>  
POTAMONECTES Zimm.<sup>3</sup>  
(Potamodytes Zimm.)<sup>3</sup>  
(Deronectes of Fall)<sup>3</sup>

- mathiasi* Hatch 33-22 Wash.

<sup>2</sup> Balfour-Browne—34.<sup>3</sup> Rearrangement of subgenera, Hatch—33.<sup>4</sup> Treated as valid by Balfour-Browne—34.<sup>5</sup> Hatch 33.

\* OREODYTES Seidl.<sup>6</sup>

- scitulus Lec. 55-295 B.C.-N.Y.-Newf.  
 bisulcatus Fall 23-115 Cal.  
 crassulus Fall 23-119 Mont. Ut. Wash.  
 obesus Lec. 66-365 Cal.-B.C.  
 angustior Hatch 28-221 Wash.  
 congruus Lec. 78-452 N.M.-Mont.-B.C.  
 abbreviatus Fall 23-117 Cal. Wash.  
 picturatus Horn 83-283 Nev. Cal.  
 subrotundus Fall 23-118 Cal. Wash.  
 snoqualmie Hatch 33-26 Wash.  
 hortense Hatch 33-27 B.C. Wash.  
 lævis Kby. 37-67 L.Sup. H.B.T.  
*duodecimlineatus* Lec. 50-214<sup>6</sup>  
 semiclarus Fall 23-113 Cal. Y.T. Colo.  
*yukonensis* Fall 26-138<sup>6</sup>  
*recticollis* of Hatch<sup>6</sup>  
 recticollis Fall 26-140 Alaska  
 alaskanus Fall 26-139 Alaska  
 rainieri Hatch 28-220 Wash.

*kincaidi* Hatch 28-221<sup>6</sup>

GRAPTODYTES Seidl.<sup>3</sup>STICTONOTUS Zimm.<sup>3</sup>NEBRIOPORUS Reg.<sup>3</sup>

\* \* \*

- barbarensis Wallis 33-262 Cal.  
 planiusculus Fall 23-58 Que. B.C.  
*brumalis* Brown 30-235<sup>7</sup>  
*compertus* Brown 32-4<sup>7</sup>  
*falsificus* Brown 33-44<sup>7</sup>  
 lapponum Gyll. 08-532<sup>8</sup>  
 [Alas.-Man. Eur. Sih.  
 melanocephalus Marsh 02-423<sup>9</sup> Eur. Sib.  
 [Alas.-L.Sup.-Greenl.  
*morio* Gemm. & Har. 68-437<sup>9</sup>  
 browni Wallis 33-261 Wash.  
 edwardsi Wallis 33-261 Wash.

*Laccornis* DesGozis  
 (See Leech Can. Ent.  
 LXXII, 1940, p. 122)

- Agaporus** Zimm. 19-147<sup>1</sup>  
 latens Fall 37-10 N.H. Mass. N.Y.

**Agabus**

GAURODYTES Thoms. 60-57<sup>10</sup>

falli Guignot 35-38

*sharpi* || Fall 22-19<sup>10 11</sup>

ERIGLENUS Thoms. 60-55<sup>12</sup>

hudsonicus Leech 38-123 Man.

\* \* \*

colymbus Leech 38-125 Man.

browni Leech 38-126 Man.

pseudoconfertus Wallis 26-90<sup>13</sup>

*gelidus* || Fall 26-142<sup>14 15</sup>

kenaiensis Fall 26-141 Alas. Man.

*palustris* Wallis 26-92<sup>7</sup>

vancouverensis Leech 37-146 B.C. Wash.

irregularis Mannh. 53-159<sup>14</sup> Alaska

hypomelas Mannh. 43-221<sup>14</sup> Alas.-Wash.

audeni Wallis 33-270 B.C.

minnesotensis Wallis 33-268 Minn.

<sup>6</sup> Revision of subgenus, Hatch—33.

<sup>7</sup> Fall—34.

<sup>8</sup> Possibly subsp. labradorensis Fall, Brown—37.

<sup>9</sup> Brown—37, ascribes these names to Gyll. & Aube respectively.

<sup>10</sup> Guignot—35.

<sup>11</sup> Fall in litt.

<sup>12</sup> Leech—38.

<sup>13</sup> Synonymy reversed by Fall—34.

<sup>14</sup> Leech—37.

**Ilybius**

denikei Wallis 33-271 Ont.

**Copelatus** Er. 32-38

(*LIOPTERUS* Steph. 35-393)<sup>15</sup>

**Rantus** Bois. & Lac. 35-309<sup>16 17 18</sup>

(*RHANTUS* of authors)<sup>16 17 18</sup>

maculicollis Aube 38-245<sup>19 20</sup> N.A.

hoppingi Wallis 33-272 B.C. Cal. Wash.

binotatus Harr. 28-164<sup>20</sup> N.A. C.A.

gutticollis Say 34-442<sup>20</sup> Ariz.

suturrellus Harris 28-164<sup>20</sup> Eur. Sib. N.A.

*subopacus* Menetr. 06-175<sup>20</sup>

zimmermanni Wallis 33-274 Man. Que.

[B.C.

*bistriatus* of authors (not Bergst.)<sup>20</sup>

**Hoperius** Fall 27-177<sup>21 22</sup>

\* planatus Fall 27-178<sup>21 22</sup> Ark.

**Dyticus** Linn. 58-411<sup>22</sup>

(*DYTISCUS* of authors)<sup>22</sup>

habilis Say 34-441<sup>23</sup> Mex. Tex.

**Hydaticus**

modestus Shp. 82-650 N.A.

*americanus* Shp. 82-654<sup>17</sup>

*stagnalis* of authors (not Fab.)<sup>17</sup>

(*laccipennis* Thoms., not N. Amer.)<sup>17</sup>

cinctipennis Aubé 38-191<sup>17</sup>

**Graphoderus** Dej. 33-54<sup>24 25 26</sup>

\* (*GRAPHODERES* Thoms. 60-38)<sup>24</sup>

liberus Say 25-160<sup>25</sup> Mich.-Mass.-Fla.

*rugicollis* Kby. 37-73<sup>25</sup>

*brunnipennis* Aube 38-203<sup>25</sup>

*thoracicus* Harris 28-156<sup>25</sup>

fasciaticollis Harris 28-156<sup>25</sup> B.C.-Mass.

*cinereus* Horn (not Linn.)<sup>25</sup>

perplexus Shp. 82-695<sup>25</sup> N.A.

*elatus* Shp. 82-695<sup>25</sup>

*cinereus* of authors (not Linn.)<sup>25</sup>

*zonatus* Zimm. (not Hoppe)<sup>25</sup>

manitobensis Wallis 33-276<sup>25</sup> Man.

occidentalis Horn 83-281<sup>25</sup> Cal.

*austriacus* Zimm. (not Sturm.)<sup>25</sup>

<sup>15</sup> Mequignon—37, may be subgenus; proper date is 1835 in spite of statement to contrary by Strand.

<sup>16</sup> Balfour-Browne—35.

<sup>17</sup> Wallis in litt.

<sup>18</sup> Compiler is of opinion that the Rules amply justify the change of spelling to *Rhantus*; see remarks elsewhere.

<sup>19</sup> Hatch—28.

<sup>20</sup> Wallis—33.

<sup>21</sup> Leech in litt.

<sup>22</sup> Balfour-Browne—35, gives this as proper synonymy but does not accept it because the change was made four years late by another writer!

<sup>23</sup> Darlington—38.

<sup>24</sup> These names are reversed by Balfour-Browne—35, but *Graphoderus* was amply validated by Dejean in 1833.

<sup>25</sup> Revision of genus, Wallis in litt.

<sup>26</sup> Credited by Guignot—31 and Wallis in litt. to Aube 38-156.

## GYRINIDÆ

## Gyrinus

hoppingi Leech 38-59

B.C.

LIMNEBIIDÆ<sup>22</sup>Ochthebius<sup>23</sup>

insulanus Brown Correct loc. Vanc.Id.<sup>22</sup>  
mimicus Brown 33-45 B.C.

## HYDROPHILIDÆ

## Helophorus

arcticus Brown 37-109 Baffin Id.  
HELOPHORUS (s.str.)  
lecontei Knisch 24-88<sup>29</sup> Cal.  
obscurus || Lec. 52-210<sup>29</sup>  
ventralis Mots. 60-105<sup>29</sup> N.Y.  
obsoletesulcatus Mots. 60-106<sup>29</sup>  
obscurus || Wickh. 95-183<sup>29</sup>  
granularis Linn. 61-214<sup>29</sup> Eur. N.A.  
pusillus Mots. 60-106<sup>29</sup>

## Berosus

ENOPLURUS Hope 38-128<sup>29</sup>  
undatus Fabr. 92-185<sup>29</sup> Tex. Mex. W.I.  
emarginatus Horn 73-120<sup>29</sup> [S.A.  
flavipes Shp. 87-766<sup>29</sup>  
guadelupensis Fleut. & Salle 89-376<sup>29</sup>

## Hydrophilus

occultus d'Orch. 33-310 N.Y. Tenn.

## Enochrus

LUMETUS Zaitz. 08-385<sup>29</sup>  
pygmaeus Fabr. 92-186<sup>29</sup>  
nebulosus Say 24-277<sup>29</sup> W.I.  
P. 19. First supplement, under 19289,  
for 2484 read 2884.<sup>27</sup>

## SILPHIDÆ

## NECROPHORINI

Necrocharis Port. 23-68<sup>1 2 3</sup>

\* carolinensis Linn. 71-530<sup>4</sup> Pa.-Fla.-  
mediatus Fabr. 01-334<sup>2</sup> [Ariz.-Neb.  
a.scapulatus Port. 23-142<sup>2</sup> N.C. Fla.  
a.dolosus Port. 23-142<sup>2</sup>  
a.mysticallis Angell 12-307<sup>2</sup> Ariz.

Nicrophorus Fabr. 75-71<sup>2 4</sup>

\* (Dermestes || Geoffr. 62-93)<sup>2</sup>  
(Necrophorus Fabr. 01-333)<sup>2 5</sup>  
(Cyrtozelis Hope 40-149)<sup>2</sup>  
Acanthopsilus Port. 14-223)<sup>2</sup>  
EUNECROPHORUS Sem.

[32-152

americanus Oliv. 90-10<sup>1</sup> N.S.-Minn.-  
virginicus Fröl. 92-123<sup>2</sup> [Tex.-Fla.  
grandis Fab. 92-247<sup>2</sup>

germanicus Linn. 58-359<sup>2</sup> Europe  
a.bipunctatus Kr. 80-117<sup>2</sup> Eur. ?Cal.

NECROPTER Sem. 32-154<sup>4</sup>  
orbicollis Say 25-77<sup>1</sup> Me.-Fla.-Kan.-Alb.  
halli Kby. 37-98<sup>2</sup>

quadrisignatus Cast. 40-1<sup>2</sup>  
sayi Cast. 35-2<sup>1</sup> N.B.-Va.-Alb.

lunulatus Gistel 48-49<sup>2</sup>lunatus || Lec. 53-277<sup>2</sup>luniger Har. 68-104<sup>2</sup>humator Oliv. 90-8<sup>2</sup> Eur. Asiagrandior Angell 12-307<sup>2</sup> Cal.defodiens Mannh. 46-513<sup>1 4</sup> Newf.-N.J.-hebes Kby. 37-96<sup>2</sup> [Cal.-Alas.pygmaeus Kby. 37-98<sup>2</sup>vespilloides of Lec. 66-367<sup>2</sup>a.humeralis Hatch 27-7<sup>2</sup>a.binotatus Port. 26-236<sup>2</sup> Cal.plagiatus || Mots. 69-252<sup>2</sup>a.lateralis Port. 03-330<sup>2</sup> Cal.-Wash.a.conversator Walk. 66-320<sup>2</sup> Cal. Ore.pollinator of Lec. 54-19<sup>2</sup>a.kadjakensis Port. 26-236<sup>2</sup> Alaskaa.mannerheimi Port. 24-293<sup>2</sup> Cal.investigator Zett. 24-154<sup>1 4</sup> Eur.Asia.ruspator Er. 37-225<sup>2</sup> [Alas.-Cal.-?Va.melzheimeri Kby. 37-97<sup>2</sup>infodiens Mannh. 53-170<sup>2</sup>confessor Mots. 60-126<sup>2</sup>microcephalus Thoms. 62-9<sup>2</sup>pustulatus of Horn 80-233 (part)<sup>2</sup>vestigator of Gyll. 27-308<sup>2</sup>a.intermedius Reitt. 95-327<sup>2</sup> Eur. B.C.

[Man.-Ore.-Ut.

a.lutescens Port. 24-150<sup>2</sup> N.M. Ariz.v.nigritus Mannh. 43-251<sup>2</sup> Cal. Ore.v.variolosus Port. 24-149<sup>2</sup>s.maritimus Guer. 44-60<sup>2</sup> Japan, B.C.aleuticus Gistel 48-190<sup>2</sup>pollinator Mannh. 53-169<sup>2</sup>sibiricus Mots. 60-126<sup>2</sup>a.particeps Fisch. 44-139<sup>2</sup>

[Alas. B.C. Asia

mexicanus Matth. 88-91<sup>1</sup> Mex. Cal.hybridus Hatch & Ang. 25-216<sup>1 4</sup> Wash.-

[Man.

v.minnesotianus Hatch 27-5<sup>2</sup> Minn.guttulus Mots. 45-53<sup>1 4</sup> Alas. Cal.-Colo.a.quadriguttatus Angell 20-90<sup>2</sup> Cal.a.vandykei Angell 20-90<sup>2</sup> Cal.a.ruficornis Mots. 69-352<sup>2</sup> Cal.a.hecate Bland || 65-382<sup>1 2</sup> Alas.-N.M.a.disjunctus Port. 24-85<sup>2</sup>a.rubripennis Port. 24-85<sup>2</sup> Cal.-Kan.obscurus Kby. 37-97<sup>1 4</sup> H.B.T.-Ut.-Ore.melzheimeri of Lec. 53-275<sup>2</sup><sup>22</sup> Leech in litt.<sup>23</sup> Left in Hydrophilide by Brown—33.<sup>24</sup> d'Orchymont—34.<sup>1</sup> Semenov-Tian-Shanskij—32.<sup>2</sup> Hatch—Col. Cat. p. 95.<sup>3</sup> Placed as subgenus of Nicrophorus by Hatch.  
Col. Cat. p. 95.<sup>4</sup> Hatch & Rueter—34<sup>5</sup> This spelling accepted by Semenov-Tian-Shanskij—32.



marginatus Fabr. 01-334<sup>1 4</sup> Me.-Miss.-  
*requiescator* Gistel 48-190<sup>2</sup> {Ore.-C.A.  
 a.cordiger Port. 24-84<sup>2</sup> N.Y. Ark.  
 tomentosus Web. 01-47<sup>1</sup> Me.-Ga.-Cal.-  
*velutinus* Fab. 01-334<sup>2</sup> [Man.  
 a.angustefasciatus Port. 25-170<sup>2</sup>  
 a.aurigaster Port. 25-170<sup>2</sup>

STICTONECROPTER Sem. 32-154  
 pustulatus Hersch 07-271<sup>1</sup> Alas.-Newf.-  
*bicolor* Newm. 38-385<sup>2</sup> [Fla.-Cal.  
*tarsus* Mannh. 53-385<sup>2</sup>  
 a.fasciatus Port. 24-86<sup>2</sup> Ky.-Que.-Fla.  
 a.unicolor Port. 24-86<sup>2</sup> La.  
 vespillo Linn. 58-359 Eur. Asia, Neb. Pa.  
 pulsator Gistel 48-190<sup>2</sup> "N.A."  
 vespilloides Hbst. 84-32<sup>6</sup> Eur. Japan  
 s.defodiens Mannh. 46-513<sup>6</sup> Pac. Cst.  
*mortuarum* Fab. 92-248<sup>6</sup> [Japan  
 a.hebes Kby. 37-96<sup>6</sup> Alas. Y.T.  
*pygmaeus* Kby. 37-98<sup>6</sup>  
*humeralis* Hatch 27-7<sup>6</sup>  
 a.conversator Walk. 66-320<sup>6</sup> B.C.  
*lateralis* Port. 03-330<sup>6</sup>  
*gaigei* Hatch 27-356<sup>6</sup>

## SILPHINI

## Silpha

THANATOPHILUS Leach 15-89<sup>4</sup>  
 trituberculata Kby. 37-101<sup>4</sup>  
 lapponica Hbst. 93-269<sup>4</sup>  
 HETEROSILPHA Port. 26-83<sup>4</sup>  
 ramosa Say 23-193<sup>4</sup>  
 XYLODREPA Thoms. 59-56  
 quadripunctata Linn. 58-359<sup>a</sup> Eur. Mass.  
 OXELYTRUM Gistel 48-150  
 discicollis Brullé 40-75<sup>b</sup> Cal. N.M. Ariz.  
*analis* Chev. 43-26<sup>a b</sup> [C.A. S.A.  
*aquinotialis* Gistel 48-190<sup>b</sup>  
*brasiliensis* Dej. 33-113<sup>b</sup>  
*cayennensis* || Berg 01-328<sup>b</sup>

## AGYRTINI

Agyrtes Fröl. 99-18<sup>7</sup>

\* longulus Lec. 59-282<sup>8</sup> Cal.-Alas.  
 similis Fall 37-29 Cal.

Pelatines Kll. 06-240<sup>7</sup>

\* (*Pelates* || Horn 80-244)<sup>7</sup>  
 latus Mannh. 52-331<sup>8</sup> Alas.-Wash.-Alb.

Necrophilus Latr. 29-500<sup>7</sup>

\* pettiti Horn 80-243<sup>8</sup> Can.-Ky.-Ind.  
*subterraneus* of Horn 68-125<sup>8</sup>

hydrophiloides Mannh. 43-253<sup>8</sup> Alas.-  
*ater* Mots. 45-263<sup>8</sup> [Cal.

<sup>a</sup> Angell in litt.

<sup>b</sup> Junk Col. Cat. pars 95.

<sup>c</sup> Leech—37.

<sup>7</sup> Rearrangement of genera, Hatch & Rueter—34.

<sup>8</sup> Leng Catalog and supplements.

LYROSOMINI<sup>9</sup>

Pteroloma Gyll. 27-418<sup>10</sup>

\* (*Adolus* Fisch. 28-242)<sup>2</sup>  
 (*Holocnemis* Schill. 29-93)<sup>2</sup>  
 nebrionides Brown 33-213 Alas. Alb.  
*forsströmii* of authors (not Gyll.)<sup>11</sup>

Apteroloma Hatch 27-12<sup>1 12 10</sup>

\* (*Pteroloma* of authors)<sup>4</sup>  
 caraboides Fall 07-235<sup>8</sup> Wash.-Cal.  
 tenuicornis Lec. 59-84<sup>8</sup> Wash.-Cal.  
 tahoea Fall 27-136<sup>8</sup> Cal.

CATOPOCERINI<sup>4</sup>

(*Pinodytini*)

Catopocerus Mots. 69-351<sup>4</sup>

(*Pinodytes* Horn 80-248)<sup>4</sup>  
 (*Homaeosoma* Aust. 80-16)<sup>2</sup>

ulkei Brown 33-215  
*cryptophagoides* of Horn 80-249<sup>11</sup>

LEPTODIRIDÆ<sup>1</sup>

(*Catopidae*, *Silphidae*)

Leptodirinae<sup>1</sup>

Platycholeus Horn 80-251<sup>1</sup>

\* leptinoides Cr. 74-77<sup>1</sup> Cal. Ore. Nev.  
 opacellus Fall 09-133<sup>1</sup> Cal.

Catopinae<sup>1</sup>

## CATOPINI

Nemadus Thoms. 67-351<sup>1 2</sup>

\* pusio Lec. 59-282<sup>1 2</sup> Cal.-B.C.  
 horni Hatch 33-194<sup>2</sup> Mass.-Ala.-Ia.  
*pusio* of Horn 80-262<sup>1</sup>  
 parasitus Lec. 53-282<sup>1 2</sup> Que.-Va.-Tex.  
 [Man.  
 integer Fall 37-338 Mass.  
 gracilicornis Fall 37-339 Mass.N.J.Man.  
 obliquus Fall 37-339 Mass.-Pa.

Dissochretus Reitt. 84-39<sup>1</sup>

\* brachyderus Lec. 63-25<sup>1</sup> N.S.-N.Y.-Minn.  
 arizonensis Hatch 33-197 Ariz.  
 oblitus Lec. 53-282<sup>1</sup> Md.-Fla.-Ill.  
 decipiens Horn 80-257<sup>1</sup> Wash.

Echinocoleus Horn 85-136<sup>1</sup>

\* setiger Horn 85-136<sup>1</sup>

<sup>9</sup> Van Dyke—28.

<sup>10</sup> Definitely not Staphylinidæ, Brown—33, Szekessy—36, Van Dyke—28, the compiler, etc.

<sup>11</sup> Brown—33.

<sup>12</sup> Considered a synonym of *Pteroloma*, Brown—33.

<sup>1</sup> Hatch—33.

<sup>2</sup> Revision of genus, Fall—37.

**Ptomaphagus** Ill. 98-58<sup>1</sup>

- \* *californicus* Lec. 53-281<sup>1</sup> Cal.  
*nevadicus* Horn 80-263<sup>1</sup> Nev. Colo. Kan.  
*schwarzi* Hatch 33-203<sup>1</sup> Fla.  
*texasus* Melander 02-329<sup>1</sup> Tex. Colo.  
*sisus* Horn 85-137<sup>1</sup> Ariz. Cal.  
*consobrinus* of Horn 80-262 (part)<sup>1</sup>  
*cavernicola* Schw. 93-58<sup>1</sup> Mo.  
*laticornis* Hatch 33-204 Cal.  
*ulkei* Horn 85-137<sup>1</sup> Md. Va. N.C.  
*piperi* Hatch 33-205 Wash. Cal.  
*consobrinus* Lec. 53-281<sup>1</sup> Mass.-Fla.-  
*strigosus* Lec. 53-281<sup>1</sup> [Okla.-Mich.  
*lecontei* Murray 56-459<sup>1</sup>

**Adelops** Tellk. 44-318<sup>1</sup>

- \* *mittchellensis* Hatch 33-208 N.C.  
*lodingi* Hatch 33-209 Ala.  
*valentinei* Jeann. 33-252<sup>3</sup> Ala.  
*hatchi* Jeann. 33-252<sup>3</sup> Tenn.  
*hirtus* Tellk. 44-318<sup>1</sup> Ky.

**Catops** Payk. 98-342<sup>1</sup>

- \* *SCIODREPA* Thoms. 62-66<sup>1</sup>  
*gratiosus* Blanch. 15-294<sup>1</sup> Me.-Va.-Wash.  
*alsiosa* of Blatch. 10-294<sup>1</sup>  
*alsiosus* Horn 85-136<sup>1</sup> Alas.-N.S.-N.Y.  
*simplex* Say 25-184<sup>1</sup> Alas.-Lab.-Cal.-Ga.  
*luridipennis* Mannh. 53-176<sup>1</sup>  
*americanus* Hatch 28-201<sup>1</sup> N.B.-N.C.-  
 [N.M.-Minn.  
*clavicornis* || Lec. 53-281<sup>1</sup>  
*basilaris* Say 23-191<sup>1</sup> Me.-N.C.-Cal.-Alb.  
*spenciana* Kby. 37-108<sup>1</sup>  
*cadaverinus* Mannh. 43-82<sup>1</sup>  
*brunipennis* Mannh. 53-176<sup>1</sup>  
*egenus* Horn 80-256<sup>1</sup> Alas.-Cal.  
*hornianus* Blanch. 15-294<sup>1</sup> Que.-N.C.-B.C.  
*SCIODREPOIDES* Hatch 33-224<sup>1</sup>  
 (*Sciodrepa* of Ganglb.)<sup>1</sup>  
*terminans* Lec. 50-218<sup>1</sup> B.C.-N.B.-Ill.  
*fumata* of Hatch 27-15<sup>1</sup>

**Prionocheta** Horn 80-260<sup>1</sup>

- \* *opaca* Say 25-184<sup>1</sup> Que.-N.C.-Ark.-  
 [Minn.

**Catoptrichus** Murray 56-461<sup>1</sup>

- \* *frankenhauseri* Mannh. 52-332<sup>1</sup>  
 [Alas.-Wash.

**Coloninae**<sup>1</sup>**Colon** Hbst. 97-224<sup>1</sup>

- \* *COLON* (s.str.)<sup>1</sup>  
*paradoxus* Horn 80-270<sup>1</sup> Pa. D.C.  
*CURVIMANON* Fleisch. 09-246<sup>1</sup>  
*bidentatum* Sahlb. 17-95<sup>1</sup> Eur. B.C. Alb.  
 [N.J.  
*MYLOECHUS* Latr. 07-30<sup>1</sup>  
*hubbardi* Horn 80-270<sup>1</sup> Mich. Tenn. O.  
*productum* Hatch 33-229 Mich.  
*excisum* Hatch 33-229 N.C.  
*kincaidi* Hatch 33-229 Wash.

- dentatum* Lec. 53-282<sup>1</sup> N. J. Que. O.  
*putum* Horn 80-272<sup>1</sup> N.Y.  
*putatum* Hatch 28-225<sup>1</sup>  
*rufum* Hatch 33-230 W.Va.  
*discretum* Hatch 33-230 B.C.  
*rectum* Hatch 33-231 W.Va.  
*pribilof* Hatch 33-231 Alaska  
*schwarzi* Hatch 33-232 N.C. Mich.  
*magnicollis* Mannh. 53-177<sup>1</sup> N.Y. O. Wis. Colo.  
*pusillum* Horn 80-273<sup>1</sup> Y.T. Que.-D.C.  
*thoracicum* Horn 80-274<sup>1</sup> Va.  
*asperatum* Horn 80-274<sup>1</sup> Cal.-Me.

**LEIODIDÆ**<sup>1</sup>

(*Liodesidae*, *Agathidiidae*, *Anisotomidae*,  
*Silphidae*)

**LEIODINI**<sup>1</sup>**Hydnobius** Schm. 41-193<sup>1</sup>

- \* *matthewsii* Cr. 74-74<sup>1</sup> Cal.-B.C. Mo.  
*pallidum* || Say 34-91<sup>1</sup> [N.Y.  
*strigilatus* Horn 80-280<sup>1</sup> B.C. Nev.  
*arizonensis* Horn 85-138<sup>1</sup> Ariz.  
*obtusus* Lec. 79-511<sup>4,5</sup> Colo. B.C.  
*luggeri* Hatch 27-18<sup>4,5</sup> Alaska  
*longulus* Lec. 79-511<sup>4,5</sup> B.C.-Cal. Colo.  
*longidens* Lec. 79-511<sup>1</sup>  
*substriatus* Lec. 63-25<sup>4,5</sup> N.S.-N.Y.-  
*curvidens* Lec. 79-511<sup>1</sup> [Wash.  
*laticeps* Notm. 20-27<sup>4,5</sup> N.Y.  
*pumilus* Lec. 79-511<sup>4,5</sup> Que. Colo. Cal.  
*latidens* Lec. 79-512<sup>4,5</sup>  
*kiseri* Hatch 36-35 Wash.  
*lobatus* Hatch 36-35 Wash.  
*femoratus* Hatch 36-36 Wash. B.C.

\* \* \*

- validus* Brown 32-202 (*Leiodes*)<sup>6</sup> Que.

**Typhloleiodes** Hatch 35-116

- \* *subterraneus* Hatch 35-116 Ore.

**Triarthron** Märk. 40-141<sup>1</sup>

- \* *lecontei* Horn 68-131<sup>1</sup> Ore. Cal.  
*cedonulli* Schaef. 82-43<sup>1</sup>  
*pennsylvanicum* Horn 83-284<sup>1</sup> Pa.

**Leiodes** Latr. 02-163<sup>1</sup>

- \* (*Anisotoma* Schmidt 41-143, not  
 [Panz.]<sup>4,5</sup>

(*Liodes* Reitt. 84-93)<sup>4</sup>

**LEIODES** (s.str.)<sup>4</sup>

- alternata* Melsh. 46-103<sup>1</sup> Ga.  
*americana* Knoch MS<sup>1</sup>  
*canadensis* Brown 28-141<sup>1</sup> Sask. Man.  
*oklahomensis* Brown 28-142<sup>1</sup> B.C.  
*horni* Hatch 29-36<sup>1</sup> Cal. Ore.  
*humeralis* || Horn 80-285<sup>1</sup>  
*valida* Horn 80-285<sup>1</sup> N.H.-Colo.-B.C.  
*serripes* Hatch 36-37 Wash.  
*merkeliana* Horn 95-234<sup>1</sup> Wash.

<sup>1</sup> Hatch—33.

<sup>2</sup> Placed in genus *Ptomaphagus*, Jeannel—33.

<sup>4</sup> Hatch—29.

<sup>5</sup> Hatch—36.

<sup>6</sup> Hatch in litt.

- assimilis* Lec. 50-221<sup>4</sup> N.H.-Colo.-B.C.  
*punctatostriata* Kby. 37-110<sup>4</sup> Alas.-B.C.  
*indistincta* Lec. 50-221<sup>4</sup> [N.H.  
*laeta* Mannh. 53-201<sup>4</sup>  
*difficilis* Horn 80-285<sup>4</sup> Cal.  
*collaris* Lec. 50-221<sup>4</sup> N.H.-Cal.-B.C.  
*similis* Fall 10-5<sup>4</sup> Cal.  
*curvata* Mannh. 53-202<sup>4</sup> Alas.-Cal.  
*morula* Lec. 59-282<sup>4</sup>  
*opacipennis* Fall 10-5<sup>4</sup> Tex.  
*antennata* Fall 10-6<sup>4</sup> Cal.  
*lateritia* Mannh. 52-345<sup>4</sup> Alaska  
 PSEUDOHYDNOBIUS Ganglb.  
 [99-208<sup>5</sup>  
 (*Parahydnoebius* Fleisch.  
 [08-18]<sup>5</sup>  
*conferta* Lec. 66-367<sup>4 5</sup> Ill. Pa.  
*paludicola* Cr. 74-74<sup>4 5</sup> Cal.  
*strigata* Lec. 50-221<sup>4 5</sup> Mich. Colo. B.C.  
 OREOSPHERULA Ganglb.  
 [96-181<sup>4</sup>  
*obsoleta* Melsh. 46-107<sup>4</sup> Atl.St.-Cal.  
*sculpturata* Fall 10-6<sup>4</sup> Ariz.  
*puritana* Fall 25-310<sup>4</sup> Mass.  
*fusciclava* Fall 25-311<sup>4</sup> Cal.  
**Anogdus** Lec. 66-369<sup>4 7 8</sup>  
*\* luggeri* Hatch 27-17<sup>4</sup> Minn.  
*dissimilis* Blatch. 16-93<sup>4 7</sup> Fla.  
*capitatus* Lec. 66-319<sup>4 7</sup> Fla.  
**Cainosternum** Notm. 21-148<sup>4</sup>  
*\* imbricatum* Notm. 21-148<sup>4</sup> N.Y.  
**Colenis** Er. 41-221<sup>4</sup>  
*\* (Colensia* Fvl. 02-287)<sup>4</sup>  
*(Pseudoliodes* Port. 26-77)<sup>4</sup>  
*impunctata* Lec. 53-284<sup>4</sup> Fla.-La.-Mich.  
 AGATHIDIINI<sup>4</sup>  
**Anisotoma** Panz. 97-8<sup>4 8</sup>  
*\* (Pentatoma* || Schneid. 92-2)<sup>4</sup>  
*(Leiodes* || Schmidt 41-132)<sup>4</sup>  
*(Liodes* Er. 45-87)<sup>4</sup>  
*blanchardi* Horn 80-298<sup>4 7</sup> Que.Mass.O.  
*geminata* Horn 80-299<sup>4 7</sup> Que.-N.C.-Ill.  
*confusa* Horn 80-299<sup>4 7</sup> Nev.  
*insterialis* Hatch 36-38<sup>10 7 11</sup> Wash.  
*globososa* Hatch 29-56<sup>4 7</sup> Que.-Ky.-Nev.-  
*globosa* || Lec. 50-222<sup>4 7</sup> [B.C.  
*inops* Brown 37-198 N.B.-Ont.-N.H.  
*nevadensis* Brown 37-199 Nev.  
*bicolor* || Horn 80-297<sup>7 12</sup>  
*expolita* Brown 37-199 Ont.-Ga.-Mich.  
*polita* || Lec. 53-285<sup>7</sup>  
*basalis* Lec. 53-285<sup>4 7</sup> Mich. Ill. Ind.  
*dichroa* Lec. 53-285<sup>7 12</sup>  
*amica* Brown 37-201 Que. Ont. B.C.  
*obsoleta* Horn 80-298<sup>4 7</sup> N.B.-Va.  
*errans* Brown 37-202 Que. Ont. B.C.  
*discolor* Mels. 46-103<sup>4 7</sup> Can.-Va.-Mich.  
*piceum* Mels. 44-103<sup>7</sup>  
**Stetholiodes** Fall 10-4<sup>4</sup>  
*\* laticollis* Fall 10-4<sup>4</sup> Ind.  
**Neocyrtusa** Brown 37-161  
*\* obsoleta* Melsh. 46-107<sup>7</sup> D.C. N.C.  
*blandissima* Zimm. 69-250<sup>4 13</sup>  
*secreta* Brown 37-163 Ont.  
*superans* Fall 10-7<sup>7 13</sup> Ont.-Alb.  
*puritana* Fall 25-310<sup>7</sup> Ont. Mass.  
*potens* Brown 32-205<sup>7</sup> Que. Ont.  
*insolita* Brown 37-170 B.C. Sask.  
*?fusciflava* Fall 25-311<sup>7</sup> Cal.  
*?sculpturata* Fall 10-6<sup>7</sup> Ariz.  
**Lionothus** Brown 37-170  
*\* ulkei* Brown 37-171 D.C.  
*blandissima* of Horn 80-294<sup>7</sup>  
**Cyrtusa** Er. 42-221<sup>7</sup>  
*\* luggeri* Hatch 27-17<sup>7</sup> Que.-Mich.-B.C.  
**Cænocyrtusa** Brown 37-172  
*\* picipennis* Lec. 63-25<sup>7 13</sup> Que.-D.C.-B.C.  
**Apheleplastus** Brown 37-173  
*\* egenus* Lec. 53-284<sup>7 13</sup> Que.-Ga.-Mich.  
*impubis* Zimm. 69-251<sup>7</sup>  
**Isoplastus** Horn 80-277<sup>4 7</sup>  
*\* fossor* Horn 80-295<sup>4 7</sup> Que.-D.C. Mich.  
**Agathidium** Panz. 97-13<sup>14</sup>  
*\* AGATHIDIUM* (s.str.)<sup>14</sup>  
*oniscoides* Beauv. 05-160<sup>11 15</sup> Can.-Ga.-  
*piceum* Mels. 44-103<sup>4</sup> [Miss. Mex.  
*globatile* Lec. 78-598<sup>4</sup>  
*rubellum* Fall 34-105<sup>14</sup> N.C.  
*compressidens* Fall 34-106<sup>14</sup> N.C. N.H.  
*exiguum* Melsh. 44-103<sup>14 15</sup> Can.-Fla.-  
*ruficorne* Lec. 50-222<sup>4</sup> [Colo. Guat.  
*minutum* Melsh. MS<sup>4</sup>  
*dentigerum* Horn 80-301<sup>14 15</sup> Va. N.C.  
*alutaceum* Fall 34-107<sup>14</sup> Alaska  
*californicum* Horn 80-301<sup>14 15</sup> Cal.  
 [B.C. Guat.  
*depressum* Fall 34-108<sup>14</sup> Alas.-Cal.-  
 [Ill.-Que.  
*jasperanum* Fall 34-109<sup>14</sup> Alb. Y.T.  
*dubitans* Fall 34-110<sup>14</sup> N.M.  
*revolvens* Lec. 50-222<sup>14 15</sup> Alas.-Cal.-  
 [Mich.  
*cavisternum* Fall 34-111<sup>14</sup> B.C.  
*virile* Fall 01-219<sup>14 15</sup> S.Cal.  
*conjunctum* Brown 33-46<sup>14 15</sup> Nev.-B.C.  
*omissum* Fall 34-113<sup>14</sup> Mont.  
 NEOCEBLE Gozis 86-16<sup>14</sup>  
*sexstriatum* Horn 80-302<sup>14 15</sup> Cal. Nev.  
*bistriatum* Horn 80-303<sup>14 15</sup> Cal. Nev.  
*estriatum* Horn 80-303<sup>14 15</sup> Colo.  
*parvulum* Lec. 78-598<sup>14 15</sup> L.Sup.  
*parile* Fall 34-117<sup>14</sup> Cal.

<sup>7</sup> Brown—37.<sup>8</sup> Placed near *Cyrtusa* by Brown—37.<sup>9</sup> Credited to Illiger, Hatch—36.<sup>10</sup> Hatch—38.<sup>11</sup> As synonym of *confusa*, Brown—37.<sup>12</sup> As variety by Hatch—29.<sup>13</sup> Placed in *Cyrtusa* (*Zeadolopus* Brown =) by Hatch—29.<sup>14</sup> Hatch—36.<sup>15</sup> Fall—34.

- rusticum Fall. 34-117<sup>14</sup> N.H. Mass.  
 lætum Fall 34-118<sup>14</sup> Cal.  
 contiguum Fall 34-119<sup>14</sup> Wash.  
 athabascanum Fall 34-119<sup>14</sup> Alb.  
 alticola Fall 34-120<sup>14</sup> N.H.  
 columbianum Fall 34-121<sup>14</sup> B.C.  
 rotundulum Mannh. 52-370<sup>14 15</sup> Alas.-Cal.  
 brevisternum Fall 34-122<sup>14</sup> Cal.  
 atronitens Fall 34-122<sup>14</sup> Ill. D.C. Mo.  
 repentinum Horn 80-303<sup>14</sup> N.H. Mont.  
 politum Lec. 66-370<sup>14 15</sup> Can.-R.I.-Mo.  
 maculosum Brown 28-145<sup>14 15</sup> B.C. Wash.  
*maulosum* Brown 28-230<sup>14</sup>  
*v.franciscanum* Fall 34-126<sup>14</sup> Cal.  
 klincaidi Hatch 36-39 Wash.  
 pulchrum Lec. 53-286<sup>14 15</sup> N.H. Ky.  
 [Wash. Cal.  
*mandibulatum* Mannh. 53-203<sup>14</sup>  
 varipunctatum Hatch 36-40 Wash.  
 picipes Fall 34-130<sup>14</sup> Cal.  
 difforme Lec. 50-222<sup>14 15</sup> N.H. Mich.  
*canadensis* Brown 30-89<sup>14 15</sup>  
 CYPHOCEBLE Thoms. 59-59<sup>14</sup>  
 angulare Mannh. 52-369<sup>14 15</sup> Alas.-Cal.-  
 [Ariz. Colo.  
 concinnum Mannh. 52-370<sup>14 15</sup> Alas.-  
 [Cal.-Ariz.-Colo.  
*effluens* Mannh. 53-202<sup>14</sup>  
 munciceps Fall 34-171<sup>14</sup> N.H.  
*temporale* || Fall 34-127<sup>14 15</sup>  
 assimile Fall 34-128<sup>14</sup> Ind. N.H.  
 mollium Fall 34-128<sup>15</sup> N.H. Me.  
 Aglyptinus Ckll. 06-240<sup>14</sup>  
 \* (*Aglyptus* Lec. 66-369)<sup>14</sup>  
 (*Aglyptonotus* Champ. 13-65)<sup>14</sup>  
 lævis Lec. 53-284<sup>14</sup> E.Can.-Ga.-La.

## STAPHYLINIDÆ

- Trigonurus Muls. & Rey 47-515<sup>1</sup>  
 \* cælatus Lec. 74-48<sup>1</sup> Cal.  
*rugosus* Shp. 75-204<sup>1</sup>  
 crotchii Lec. 74-48<sup>1</sup> Cal.-Alas.  
*lecontei* Shp. 75-205<sup>1</sup>  
*lecontei* of authors<sup>1</sup>  
 edwardsi Shp. 75-205<sup>1</sup> Cal. Wash.  
 dilaticollis VanD. 34-179<sup>1</sup> Cal B.C.<sup>2</sup>  
 (subcostatum Mükl., belongs in  
 [Lathrimacum]<sup>1</sup>  
 Thoracophorus  
 brevicristatus Horn 71-332<sup>1</sup> Mex. W.I.  
 [Fla. Ariz.

Olophrum Er. 37-622<sup>3</sup>

- \* (*Lathrium* Lec. 50-21)<sup>3</sup>  
 obtectum Er. 40-865<sup>3</sup> Me.-Pa.  
*emarginatum* Er. 40-868<sup>3</sup>  
*rotundicollis* || Say 34-464<sup>3</sup>  
 latum Mükl. 53-194<sup>3 4</sup> Alaska  
 boreale Payk. 92-146<sup>5 6</sup> Eur. Bear Id.  
 [Que. N.W.T.  
*marginatum* Kby. 37-89<sup>3 5</sup>  
 parvulum Mükl. 53-195<sup>3</sup> Alaska  
 marginatum Mükl. 53-196<sup>3</sup> Alaska  
 consimile Gyll. 10-199<sup>3</sup> Eur. Sib.  
 [Alas.-N.Y.  
*v.minor* J. Sahlb. 76-424<sup>3</sup> ?N.A.  
 rotundicollis C.R. Sahlb. 27-281<sup>3</sup> Eur.  
 [Sib.-Newf.-Mich.-N.W.T.  
*convexicollis* Lec. 50-21<sup>3</sup>  
 convexum Mükl. 53-195<sup>3</sup> Alaska

Orobatus Lec. 78-453<sup>7</sup>

- \* montanus Mank. 34-121 Mont.  
 mormonus Mank 34-122 Utah  
 falli Mank 34-122 Cal.  
 densus Csy. 86-246<sup>7</sup> Cal.  
 rufipes Csy. 86-245<sup>7</sup> Cal.  
 simulator Lec. 78-453<sup>7</sup> Colo. B.C.

## Boreaphilus Sahlb. 34-433

- \* americanus Notm. 18-188<sup>8</sup> N.J.  
 nearcticus Blair 33-95<sup>6</sup> No.Que.

## Deleaster

- dichrous Grav. 02-188<sup>7 10</sup> Eur. Que.

## Trogophloeus

- fulvipes Er. 40-804<sup>1</sup> S.A. C.A. W.I.  
 rubripennis Fvl. 63-440<sup>1</sup> [Fla.-Cal.  
 senilis Shp. 80-51<sup>1</sup> [Hawaii  
 texanus Csy. 89-334<sup>1</sup>

## Oxytelus

- insignitus Grav. 06-188<sup>1</sup> S.A. C.A.  
 [W.I. N.A. Eur. Atl.Is. Pac.Is.  
 americanus Mannh. 30-48<sup>1</sup>  
 pumilio Boh. 58-34<sup>1</sup>

## Bledius

- philadelphicus Fall 19-26<sup>11</sup>  
 dissimilis || Fall 10-107<sup>11</sup>  
 falli Wend. 28-298<sup>11</sup>

## Paralispinus

- exiguus Er. 40-830<sup>1</sup> S.A. C.A. W.I.  
 laevigatus Kr. 59-188<sup>1</sup> [Fla.-La.  
 rufescens Lec. 63-59<sup>1</sup> [Orient  
 rufus Fvl. 65-60<sup>1</sup> [Hawaii  
 fauveli Shp. 76-392<sup>1</sup>  
 aruensis Fvl. 78-200<sup>1</sup>  
 pallescens Blackb. 85-126<sup>1</sup>

<sup>3</sup> Revision of genus, Scheerpeltz—29.<sup>4</sup> Voris in litt.<sup>5</sup> Blair—33.<sup>6</sup> Brown—37.<sup>7</sup> Rearrangement of genus, Mank—34.<sup>8</sup> Long Catalog.<sup>9</sup> Chagnon—34.<sup>10</sup> Jules—35.<sup>11</sup> Fall in litt.<sup>14</sup> Hatch—29.<sup>14</sup> Hatch—36.<sup>15</sup> Fall—34.<sup>2</sup> Blackwelder in MS.<sup>3</sup> R. Hopping—36.

**Stenus**

- falli Scheerp. 33-1154 Alas. Y.T.  
*frigidus* || Fall 26-59<sup>12</sup>

**PAEDERINI**<sup>13</sup>**Thinocharis** Kr. 59-142<sup>13</sup>

- SCIOCHARIS Lynch 84-260<sup>13</sup>  
 carolinensis Csy. (Sciocharis)  
 congruens Csy. (Sciocharis)  
 nubipennis Csy. (Sciocharis)  
 SCIOCHARELLA Csy. 05-151<sup>13</sup>  
 exilis Er. 40-627<sup>1</sup> S.A. C.A. W.I.  
*atrata* Lynch 84-265<sup>1</sup> [Fla. Ala.  
*fragilis* Shp. 86-574<sup>1</sup>  
*minuta* Shp. 86-574 (Sciocharis)<sup>1</sup>  
*delicatula* Csy. 05-159 (Sciocharis)<sup>1</sup>  
*pertenuis* Csy. 10-188<sup>1</sup>

**Lithocharis** Bois. & Lac. 35-431<sup>13</sup>

- (*Arthocharis* Cam. 21-372)<sup>13</sup>  
 (*Metaxyodonta* Csy. 86-29)<sup>13</sup>  
 (*Sunius* Steph. 32-274, not Er.)<sup>13</sup>  
 LITHOCHARIS (s.str.)<sup>13</sup>  
 ochracea Grav. 02-59<sup>1</sup> S.A. C.A. W.I.  
 [U.S. Eur. Afr. India, China, Pac.Is.  
*rubricollis* Grav. 06-138<sup>1</sup>  
*testacea* Bois. & Lac. 35-432<sup>1</sup>  
*brunniceps* Fairm. 49-290<sup>1</sup>  
*fastidiosa* Fairm. & Germ. 61-438<sup>1</sup>  
*alutacea* Csy. 86-30<sup>1</sup>  
*quadricollis* Csy. 86-31<sup>1</sup>  
 simplex Csy.  
 sonoricus Csy.

**PSEUDOMEDON** Muls. & Rey  
[78-122<sup>13</sup>

- alabamæ Csy. (Pseudomedon)  
 capitulus Csy. (Pseudomedon)  
 clarescens Csy. (Pseudomedon)  
 ruficollis Csy. (Pseudomedon)  
 thoracicus Csy. (Pseudomedon)

**Aderocharis** Shp. 86-552<sup>13</sup>

- ADEROCHARIS (s.str.)<sup>13</sup>  
 corticinus Grav.

**Stilomedon** Shp. 86-565<sup>13</sup>

- POLYMEDON Csy. 05-151<sup>13</sup>  
 tabacinum Csy. (Polymedon)

**Neomedon** Shp. 86-557<sup>13</sup>

- arizonense Csy.

**Hypomedon** Muls. & Rey 78-122<sup>13</sup>

- (*Chloëcharis* Lynch 84-259)<sup>13</sup>  
 (*Euastenus* Fiori 15-10)<sup>13</sup>  
 (*Hemimedon* Csy. 05-152)<sup>13</sup>  
*Lena* Csy. 05-189<sup>13</sup>

**HYPOMEDON** (s.str.)<sup>13</sup>

- angustum Csy. (Hemimedon)  
 curtipennis Scheerp. 33-1259<sup>12</sup>  
*brevipenne* || Csy. 05-186 (Calo-  
 derma)<sup>12</sup>

- conjux Csy. (Caloderma)  
 continens Csy. (Caloderma)  
 contractum Csy. (Caloderma)  
 debilicorne Woll. 57-194<sup>1</sup> S.A. C.A.  
 [W.I. Fla.-S.C.-Tex. Eur. Asia.  
*brevicornis* Allard 57-747<sup>1</sup>  
*egyptiaca* Mots. 58-644<sup>1</sup>  
*occulta* Waterh. 76-108<sup>1</sup>  
*rufula* Lynch 84-259<sup>1</sup>  
*pallidus* Fiori 15-10<sup>1</sup>

- discolor Csy. (Caloderma)  
 exile Csy. (Caloderma)  
 luculentum Csy. (Caloderma)  
 mobile Csy. (Caloderma)  
 molle Csy. (Caloderma)  
 peregrinum Csy. (Caloderma)  
 pollens Csy. (Caloderma)  
 quadripenne Csy. (Caloderma)  
 reductum Csy. (Caloderma)  
 rufipes Csy. (Hemimedon)  
 tantillum Csy. (Caloderma)  
 testaceum Csy. (Lena)

**OLIGOPTERUS** Csy. 86-12<sup>13</sup>

- (*Micromedon* Csy. 05-153)<sup>13</sup>  
 (*Medonella* Csy. 05-154)<sup>13</sup>

- cuneicolle Csy. (Oligopterus)  
 filum Csy. (Oligopterus)  
 flexile Csy. (Oligopterus)  
 minutum Csy. (Sciocharis)  
 remotum Csy. (Oligopterus)

**CALODERMA** Csy. 86-5<sup>13</sup>

- angulatum Csy. (Caloderma)  
 rugosum Csy. (Caloderma)  
 semibrunneum Csy. (Caloderma)

**TRACHYSECTUS** Csy. 86-32<sup>13</sup>

- confluentum Say (Trachysectus)

**Medon** Steph. 32-273<sup>13</sup>

- (*Oxymedon* Csy. 05-177)<sup>13</sup>

**MEDON** (s.str.)<sup>13</sup>

- americanum Csy.  
 rubrum Csy. (Oxymedon)  
 texanum Csy.

**TETRAMEDON** Csy. 05-178<sup>13</sup>

- rufipenne Csy. (Tetramedon)

**PLATYMEDON** Csy. 89-184<sup>13</sup>

- (*Paramedon* Csy. 05-166)<sup>13</sup>

- arizonicum Csy. (Paramedon)  
 boreale Csy. (Paramedon)  
 conforme Csy. (Paramedon)  
 consanguineum Csy. (Paramedon)  
 contiguum Csy. (Paramedon)  
 convergens Csy.  
 caseyi Scheerp. 33-1256<sup>12</sup>  
*debilis* || Csy. 05-174 (Paramedon)<sup>12</sup>  
 difforme Csy. (Paramedon)  
 distans Csy. (Paramedon)  
 explicans Csy.  
 gregale Csy. (Paramedon)  
 gulare Csy. (Paramedon)  
 helenæ Csy.  
 humboldti Csy. (Paramedon)  
 inquilinum Csy.  
 insulare Csy.  
 kernianum Csy. (Paramedon)  
 lacustre Csy.

<sup>12</sup> Scheerpeltz—33.<sup>13</sup> A generic revision of the Pæderini of the world, Blackwelder—39. Species examined are listed with indication of their former position if different from the present, but the list is not complete. See original catalog for citations, localities, and synonymy of the species.

languidum Csy. (Paramedon)  
 laticolle Csy. (Platymedon)  
 latiusculum Csy. (Paramedon)  
 lepidum Csy.  
 luctuosum Csy. (Paramedon)  
 malacum Csy. (Paramedon)  
 mimulum Csy. (Paramedon)  
 montanum Csy. (Paramedon)  
 nevadicum Csy. (Platymedon)  
 nitidulum Csy.  
 oriens Csy. (Paramedon)  
 pallescens Csy. (Paramedon)  
 pallidipenne Csy. (Paramedon)  
 puberulum Csy.  
 retrusum Csy. (Paramedon)  
 sinuatocolle Csy.  
 shastanicum Csy. (Paramedon)  
 sublestum Csy. (Paramedon)  
 sub simile Csy. (Paramedon)  
 tahoense Csy. (Paramedon)  
 vancouveri Csy. (Paramedon)  
**MEDONODONTA** Csy. 05-176 <sup>11</sup>  
 alutaceum Csy. (Medonodonta)

**Orus** Csy. 84-136 <sup>12</sup>**ORUS** (s.str.)<sup>12</sup>

boreellus Csy.  
 deceptor Csy.  
 distinctus Csy.  
 filius Csy.  
 fraternus Fall  
 caseyanus Scheerp. 33-1265 <sup>12</sup>  
*longicollis* || Csy. 05-197 <sup>12</sup>  
 montanus Fall  
 pallidus Csy.  
 parallelus Csy.  
 pinalinus Csy.  
 provensus Csy.  
 pugetanus Csy.  
 punctatus Csy.  
 robustulus Csy.  
 shastanus Csy.  
 sonomæ Csy.

**LEUCORUS** Csy. 05-191 <sup>12</sup>

ferrugineus Csy. (Leucorus)  
 luridus Csy. (Leucorus)  
 ochrinus Csy. (Leucorus)  
 rubens Csy. (Leucorus)

**PYCNORUS** Csy. 05-194 <sup>12</sup>

dentiger Lec. (Pycnorus)  
 iowanus Csy. (Pycnorus)

**Scopæus** Er. 40-604 <sup>12</sup>

(*Leptorus* Csy. 86-217)<sup>12</sup>  
 (*Polyodontus* Sol. 49-310)<sup>12</sup>  
 (*Pseudorus* Csy. 10-190)<sup>12</sup>  
 (*Scoponatus* Mots. 58-641)<sup>12</sup>

**SCOPÆUS** (s.str.)<sup>12</sup>

angustissimus Csy.  
 arizonæ Csy.  
 bicolor Csy.  
 brachypterus Csy.  
 carolinæ Csy.  
 cervicula Csy. (Pseudorus)  
 crassulus Csy.  
 degener Csy.

delicatus Csy.  
 exiguus Er.  
 gilensis Csy.  
 hudsonicus Csy.  
 longiceps Csy.  
 macilentus Csy.  
 notangulus Csy.  
 picipes Csy.  
 prolixipennis Csy. (Pseudorus)  
 quadripennis Csy.  
 saginellus Csy.  
 spectralis Csy. (Pseudorus)  
 texanus Csy.  
 versicolor Csy.

**SCOPÆODERA** Csy. 86-217 <sup>12</sup>

nitidus Lec. (Scopæodera)  
 sonoricus Csy. (Scopæodera)

**SCOPÆOPSIS** Csy. 05-191 <sup>12</sup>

duryi Csy. (Scopæopsis)  
 elaboratus Csy. (Scopæopsis)  
 opacus Lec. (Scopæopsis)  
 pallens Csy. (Scopæopsis)  
 ventralis Csy. (Scopæopsis)

**SCOPÆOMA** Csy. 05-191 <sup>12</sup>

angusticeps Csy. (Scopæoma)  
 caseyi Scheerp. 33-1265 <sup>12</sup> Colo.  
*procerus* || Csy. 05-213 (Scopæo-  
 [ma])<sup>12</sup>  
 notmani Scheerp. 33-1268 <sup>12</sup>  
*pallidus* | Notm. 21-152 (Scopæo-  
 [ma])<sup>12</sup>  
 puritanus Csy. (Scopæoma)  
 rotundiceps Csy. (Scopæoma)  
 truncaticeps Csy. (Scopæoma)

**Megastilicus** Csy. 89-183 <sup>12</sup>

formicarius Csy.

**Stilicolina** Csy. 05-228 <sup>12</sup>

(*Omostilicus* Csy. 05-229)<sup>12</sup>  
 sonorina Csy. (Omostilicus)  
 tristis Melsh.

**Pachystilicus** Csy. 05-226 <sup>12</sup>

hanhami Wickh.

**Stilicus** Latr. 25-495 <sup>12</sup>

(*Rugilus* Curt. 27-168)<sup>12</sup>  
 (*Stilicosoma* Csy. 05-219)<sup>12</sup>

abbreviellus Csy.  
 angularis Er.  
 apicalis Csy.  
 biarmatus Lec.  
 dentatus Say  
 lacustrinus Csy.  
 latiusculus Csy.  
 luculentus Csy.  
 minusculus Csy.  
 nigrolucens Csy.  
 opaculus Lec.  
 oregonus Csy.  
 rudis Lec.

**Acrostilleus** Hubb. 96-299 <sup>12</sup>

hospes Hubb.

<sup>12</sup> Scheerpeltz—33.<sup>12</sup> Blackwelder—39.

**Lathrobium** Grav. 02-51<sup>13</sup>(Centrocnemis Jos. 63-365)<sup>13</sup>**LATHROBIUM** (s.str.)<sup>13</sup>(Litolathra Csy. 05-71)<sup>13</sup>

amplipenne Csy.  
 amputans Csy. (Litolathra)  
 armatum Say  
 leconteanum Scheerp. 33-1278<sup>12</sup>  
     *concolor* || Lec. 63-44 (Litolathra)<sup>12</sup>  
 confusum Lec. (Litolathra)  
 convictor Csy. (Litolathra)  
 crurale Csy. (Litolathra)  
 dakotanum Csy. (Lathrobioma)  
 deceptivum Csy.  
 divisum Lec.  
 franciscanum Csy.  
 gravidulum Csy.  
 hesperum Csy. (Lathrobioma)  
 illini Csy.  
 innocens Csy.  
 inops Csy. (Lathrobioma)  
 inornatum Csy. (Litolathra)  
 longiventre Csy.  
 neglectum Csy.  
 nigrolineum Csy. (Lathrobioma)  
 nigrolucens Csy.  
 obtusum Csy.  
 oregonum Csy. (Lathrobioma)  
 othioides Lec. (Lathrobioma)  
 picescens Csy.  
 postremum Csy.  
 prælongum Csy.  
 procerum Csy.  
 rhodeanum Csy. (Litolathra)  
 rigidum Csy.  
 scolopaceum Csy. (Lathrobioma)  
 simile Lec.  
 simplex Lec.  
 sparsellum Csy.  
 spissicorne Csy.  
 subæquale Csy.  
 subgracile Csy. (Litolathra)  
 suspectum Csy. (Litolathra)  
 vancouveri Csy.  
 virginicum Csy. (Lathrobioma)  
 washingtoni Csy.

**LATHROLEPTA** Csy. 05-72<sup>13</sup>

debile Lec. (Lathrolepta)

**DERATOPEUS** Csy. 05-73<sup>13</sup>

nanulum Csy. (Lathrobioma)  
 nitidulum Lec. (Deratopeus)  
 parvipenne Csy. (Deratopeus)  
 semirubidum Csy. (Litolathra)

**TETARTOPEUS** Czwal. 88-349<sup>13</sup>

agitans Csy. (Tetartopeus)  
 angulare Lec. (Tetartopeus)  
 callidum Csy. (Tetartopeus)  
 captiosum Csy. (Tetartopeus)  
 finitimum Lec. (Tetartopeus)  
 floridanum Csy. (Tetartopeus)  
 furvulum Csy. (Tetartopeus)  
 hebes Csy. (Tetartopeus)  
 lacustre Csy. (Tetartopeus)  
 nigerum Lec. (Tetartopeus)  
 nigrescens Csy. (Tetartopeus)

punctulatum Lec. (Tetartopeus)

rubripenne Csy. (Tetartopeus)

semirubrum Csy. (Tetartopeus)

stibium Csy. (Tetartopeus)

terminatum Grav. (Tetartopeus)

tetricum Csy. (Tetartopeus)

**ABLETOBIUM** Csy. 05-70<sup>13</sup>

pallescens Csy. (Abletobium)

**APTERALIUM** Csy. 05-70<sup>13</sup>

brevipenne Lec. (Apteralium)

carolinæ Csy. (Apteralium)

**LATHROBIOPSIS** Csy. 05-72<sup>13</sup>

texana Csy. (Lathrobiopsis)

**LATHROBIOMA** Csy. 05-72<sup>13</sup>

tenue Lec. (Lathrobioma)

**Lothrathium** Muls. & Rey 78-29<sup>13</sup>(Bathrolium Gozis 86-14)<sup>13</sup>(Lathrobiella Csy. 05-75)<sup>13</sup>(Lathrotaxis Csy. 05-74)<sup>13</sup>**EULATHROBIUM** Csy. 05-73<sup>13</sup>(Lathrotropis Csy. 05-74)<sup>13</sup>

caseyi Blais. (Lathrotropis)

gnomum Csy. (Lathrotropis)

grande Lec. (Eulathrobium)

jacobinum Lec. (Lathrotropis)

puncticeps Lec. (Lathrotropis)

relictum Csy. (Lathrotropis)

subseriatum Lec. (Lathrotropis)

ustulatum Csy. (Lathrotropis)

vafrum Csy. (Lathrotropis)

validiceps Csy. (Lathrotropis)

**PSEUDOLATHRA** Csy. 05-74<sup>13</sup>(Linolathra Csy. 05-75)<sup>13</sup>(Microlathra Csy. 05-75)<sup>13</sup>(Paralathra Csy. 05-75)<sup>13</sup>

æmulum Csy. (Lathrobiella)

ambiguum Lec. (Lathrobiella)

anale Lec. (Pseudolathra)

angustum Csy. (Lathrobiella)

angustum Csy. (Lathrotaxis)

atriventre Csy. (Lathrobiella)

bardum Csy. (Lathrobiella)

cupidum Csy. (Lathrobiella)

depressulum Csy. (Lathrobiella)

dimidiatum Say (Linolathra)

famelicum Csy. (Lathrobiella)

filicorne Csy. (Paralathra)

flitarse Csy. (Linolathra)

perfragile Scheerp. 33-1280<sup>12</sup>*fragile* || Csy. 05-133 (Lathrobiella)<sup>12</sup>

gaudens Csy. (Linolathra)

gracilicorne Csy. (Lathrobiella)

habile Csy. (Lathrobiella)

inviolatum Scheerp. 33-1277<sup>12</sup>*integrum* || Csy. 05-141 (Lathro-  
[biella])<sup>12</sup>

leviceps Csy. (Pseudolathra)

lineiforme Csy. (Microlathra)

lituarium Lec. (Linolathra)

merens Csy. (Lathrobiella)

modestum Csy. (Lathrobiella)

nigricans Csy. (Lathrobiella)

oregonense Csy. (Lathrobiella)

pallidulum Lec. (Microlathra)  
robustum Csy. (Lathrobiella)  
rubidum Csy. (Lathrobiella)  
rutilans Csy. (Microlathra)  
tricolor Csy. (Lathrobiella)  
vagans Csy. (Lathrobiella)  
ventralis Lec. (Lathrobiella)

**LOBRATHIUM** (s.str.)<sup>12</sup>

acomantum Csy. (Lathrotaxis)  
atronitens Csy. (Lathrotaxis)  
caseyanum Scheerp. 33-1274<sup>12</sup>  
    *bipartitum* || Csy. 05-122<sup>12</sup>  
californicum Lec. (Lathrotaxis)  
canorum Csy. (Lathrotaxis)  
centurio Csy. (Lathrotaxis)  
collare Er. (Lathrobiella)  
coloradense Csy.  
expressum Csy. (Lathrotaxis)  
fallaciosum Csy. (Lathrotaxis)  
fallax Csy. (Lathrobiella)  
floridæ Csy. (Lathrotaxis)  
galvestonicum Csy. (Lathrotaxis)  
longiusculum Grav. (Lathrotaxis)  
montanicum Csy.  
politum Grav. (Lathrotaxis)  
præceps Csy. (Lathrotaxis)  
rubricollis Csy. (Lathrotaxis)  
soror Csy. (Lathrotaxis)  
tacomæ Csy.

**Acalopha-na** Shp. 86-554<sup>13</sup>

(*Calopha-na* Lynch 84-267)<sup>13</sup>  
compacta Csy.

**Dacnochilus** Lec. 63-47<sup>13</sup>

lætus Lec.

**Pæderus** Fabr. 75-268<sup>13</sup>

(*Pæderomorphus* Gaut. 62-75)<sup>13</sup>

**PÆDERUS** (s.str.)<sup>13</sup>

(*Leucopæderus* Csy. 15-59)<sup>13</sup>

(*Pæderidus* Muls. & Rey

[78-245])<sup>13</sup>

(*Pædrillus* Csy. 05-59)<sup>13</sup>

canonicus Csy.  
carolinæ Csy.  
compotens Lec.  
femoralis Lec.  
floridanus Aust.  
grandis Aust.  
iowensis Csy.  
littorarius Grav.  
nevadensis Aust.  
obliteratus Lec.  
pugetensis Lec.  
riparius Linn.  
saginatus Csy.  
texanus Csy.  
ustus Lec.

**NEOPÆDERUS** Blkwr. 39-97<sup>13</sup>

littoreus Aust.  
palustris Aust.

**Lissobiops** Csy. 05-25<sup>13</sup>  
serpentinus Lec.

**Homæotarsus** Hochh. 51-34<sup>13</sup>

(*Spirosoma* Mots. 58-206)<sup>13</sup>

**GASTROLOBIUM** Csy. 05-23<sup>13</sup>

arizonensis Horn (Gastrolobium)  
atriceps Csy. (Gastrolobium)  
badius Grav. (Gastrolobium)  
bicolor Grav. (Gastrolobium)  
carolinus Er. (Gastrolobium)  
coloradensis Csy. (Gastrolobium)  
convergens Csy. (Gastrolobium)  
despectus Lec. (Gastrolobium)  
floridanus Lec. (Gastrolobium)  
illinianis Csy. (Gastrolobium)  
lecontei Horn (Gastrolobium)  
melanocephalus Er. (Gastrolobium)  
obliquus Lec. (Gastrolobium)  
parallelus Csy. (Gastrolobium)  
peninsularis Csy. (Gastrolobium)  
pimerianus Lec. (Gastrolobium)  
proximus Csy. (Gastrolobium)  
spissiceps Csy. (Gastrolobium)  
strenuus Csy. (Gastrolobium)  
subatrus Csy. (Gastrolobium)  
suturalis Csy. (Gastrolobium)  
texanus Lec. (Gastrolobium)  
vagus Horn (Gastrolobium)  
ventralis Horn (Gastrolobium)  
virginicus Csy. (Gastrolobium)

**HESPEROBIUM** Csy. 05-33<sup>13</sup>

atronitens Csy. (Hesperobium)  
californicus Lec. (Hesperobium)  
capito Csy. (Hesperobium)  
cinctus Say (Hesperobium)  
clavicornis Csy. (Hesperobium)  
cribratus Lec. (Hesperobium)  
flavicornis Lec. (Hesperobium)  
pacificus Csy. (Hesperobium)  
pallipes Grav. (Hesperobium)  
parviceps Csy. (Hesperobium)  
rubripennis Csy. (Hesperobium)  
sellatus Csy. (Hesperobium)  
tumidus Lec. (Hesperobium)  
vancouveri Csy. (Hesperobium)

**Cryptobium** Mannh. 30-38<sup>13</sup>

**ABABACTUS** Shp. 85-533<sup>13</sup>

pallidiceps Csy. (Ababactus)

**NEOBACTUS** Blkwr. 39-96<sup>13</sup>

nunenmacheri Blkwr. 39-96

**Biocrypta** Csy. 05-26<sup>13</sup>

magnolia Blatch.  
prospiciens Lec.

**Stillicopsis** Sachse 52-144<sup>13</sup>

paradoxa Sachse  
subtropica Csy.

<sup>12</sup> Scheerpeltz 33.

<sup>13</sup> Blackwelder 39.



**Stamnoderus** Shp. 86-607 <sup>13</sup>

- carolinæ* Csy.  
*monstrosus* Lec.  
*pallidus* Csy.

**Astenus** Steph. 32-275 <sup>13</sup>

- (*Astenognathus* Reitt. 09-150) <sup>13</sup>  
 (*Sunius* Er. 39-523, not Steph.) <sup>13</sup>

**ASTENUS** (s.str.) <sup>13</sup>

- americanus* Csy.  
*arizonianus* Csy.  
*binotatus* Say  
*brevipennis* Aust.  
*californicus* Aust.  
*cinctus* Say  
*discopunctatus* Say  
*fusciceps* Csy.  
*inconstans* Csy.  
*linearis* Er.  
*longiusculus* Mannh.  
*ornatellus* Csy.  
*prolixus* Er.  
*robustus* Csy.  
*sectator* Csy.  
*similis* Aust.  
*simulans* Csy.  
*specter* Csy.  
*strigilis* Csy.  
*tenuiventris* Csy.  
*zuni* Csy.  
*sinuaticollis* Brg. 34-29 Pa.

**Echiaster** Er. 40-636 <sup>13</sup>**ECHIASTER** (s.str.) <sup>13</sup>

- ludovicianus* Csy.  
**LEPTOGENIUS** Csy. 86-214 <sup>12</sup>  
*brevicornis* Csy. (*Leptogenius*)

\* \* \*

**Leptacinus** <sup>1</sup>

- parumpunctatus* Gyll. 27-481 <sup>1</sup> W.I. N.A.  
 [Eur. Afr. Asia, Australia]

- longicollis* Steph. 33-259 <sup>1</sup>  
*ampliventris* Duval 54-37 <sup>1</sup>  
*radiosus* Peyron 58-421 <sup>1</sup>  
*pallidipennis* Mots. 58-206 <sup>1</sup>  
*tricolor* Kr. 59-110 <sup>1</sup>  
*flavipennis* Kr. 59-111 <sup>1</sup>  
*amissus* Fairm. & Coqu. 60-158 <sup>1</sup>  
*breviceps* Waterh. 77-24 <sup>1</sup>  
*papuensis* Fvl. 78-242 <sup>1</sup>  
*sardous* Fiori 94-94 <sup>1</sup>  
*rubricollis* Reitt. 99-157 <sup>1</sup>  
*fauveli* Cam. 22-114 <sup>1</sup>

**STAPHYLININI****Diochus** Er. 39-300

- \* *nanus* Er. 39-301 <sup>1</sup> S.A. C.A. W.I. N.A.  
*schaumi* Kr. 60-27 <sup>1</sup>  
*parvulus* Kr. 60-27 <sup>1</sup>  
*longicornis* Shp. 76-184 <sup>1</sup>  
*vicinus* Shp. 76-185 <sup>1</sup>  
*tarsalis* Shp. 76-185 <sup>1</sup>  
*flavicans* Shp. 76-185 <sup>1</sup>  
*inornatus* Shp. 85-466 <sup>1</sup>  
*vilis* Shp. 85-467 <sup>1</sup>  
*maculicollis* Fvl. 91-106 <sup>1</sup>  
*brevipennis* Csy. 06-431 <sup>1</sup>  
*thoracicus* Csy. 06-432 <sup>1</sup>  
*pallidiceps* Csy. 06-432 <sup>1</sup>  
*perplexus* Cam. 22-116 <sup>1</sup>  
*apicipennis* Cam. 22-116 <sup>1</sup>  
*antennalis* Cam. 22-117 <sup>1</sup>  
*pumilio* Bnhr. 29-193 <sup>1</sup>

**Philonthus**

- lacustrinus* Scheerp. 33-1347 <sup>12</sup>  
*lacustris* || Csy. 15-432 <sup>12</sup>  
*thermarum* Aube 50-316 <sup>1</sup> S.A. W.I. Mo.  
 [D.C. Eur. Asia, Afr.  
*exilis* Kr. 51-292 <sup>1</sup>  
*angustatus* Kr. 59-92 <sup>1</sup>  
*pygmaeus* Kr. 59-93 <sup>1</sup>  
*fuscolaterus* Mots. 59-76 <sup>1</sup>  
*inclinator* Walker 59-51 <sup>1</sup>  
*flavolimbatus* Er. 40-471 <sup>1</sup> S.A. C.A.  
 [W.I. Fla.-Cal.  
*apicipennis* Lynch 84-155 <sup>1</sup>  
*hepaticus* Er. 40-451 <sup>1</sup> S.A. C.A. W.I.  
 [Cal. Nev. Ariz. Pa. Kan. Australia  
*vilis* Er. 40-451 <sup>1</sup>  
*orphanus* Er. 40-452 <sup>1</sup>  
*nanus* Melsh. 46-36 <sup>1</sup>  
*cinctus* Melsh. 46-37 <sup>1</sup>  
*palleolus* Melsh. 46-37 <sup>1</sup>  
*rufipennis* Sol. 49-317 <sup>1</sup>  
*varicolor* Boh. 58-29 <sup>1</sup>  
*pyropterus* Kr. 59-12 <sup>1</sup>  
*pauvillus* Solsky 67-133 <sup>1</sup>  
*parvimanus* Shp. 85-406 <sup>1</sup>  
*cinctulus* Bnhr. & Schub. 14-341 <sup>1</sup>  
*varians* Payk. 89-45 <sup>1</sup> W.I. N.A. Eur.  
 [Afr. Asia.

- bipustulatus* Grav. 02-37 <sup>1</sup>  
*aterrimus* Marsh. 02-513 <sup>1</sup>  
*nitens* Grav. 02-26 <sup>1</sup>  
*opacus* Grav. 02-26 <sup>1</sup>  
*bimaculatus* Marsh. 02-525 <sup>1</sup>  
*intaminatus* Steph. 32-235 <sup>1</sup>  
*lituratus* Steph. 32-238 <sup>1</sup>  
*punctiventris* Steph. 32-235 <sup>1</sup>  
*unicolor* Steph. 32-224 <sup>1</sup>  
*costatus* Baudi 48-29 <sup>1</sup>  
*incompletus* Hochh. 49-153 <sup>1</sup>  
*scutatus* Epp. 95-127 <sup>1</sup>  
*alpigradus* Muls. & Rey 75-481 <sup>1</sup>  
*proteus* Everts 22-124 <sup>1</sup>  
*brunneipennis* Everts 22-124 <sup>1</sup>  
*piceicornis* Grid. 20-18 <sup>1</sup>  
*fuscicornis* Scheerp. 33-1366 <sup>1</sup>

<sup>1</sup> Blackwelder in MS.

- longicornis* Steph. 32-237<sup>1</sup> S.A. C.A.  
[W.I. N.A. Eur. Afr. Asia, etc.]  
*fuscicornis* Nord. 37-96<sup>1</sup>  
*scybalarius* Nord. 37-94<sup>1</sup>  
*feralis* Er. 40-469<sup>1</sup>  
*promptus* Er. 40-929<sup>1</sup>  
*varians* Fairm. 49-290 (not Payk.)<sup>1</sup>  
*algricus* Mots. 58-663<sup>1</sup>  
*pedestris* Walk. 59-51<sup>1</sup>  
*asemus* Kr. 59-86<sup>1</sup>  
*perplexus* Fairm. & Germ. 61-431<sup>1</sup>  
*fumosus* Sols. 63-134<sup>1</sup>  
*latabilis* Olliff 87-501<sup>1</sup>  
*linki* Bnhr. 08-34<sup>1</sup>  
*rubromaculatus* Bnhr. 15-9<sup>1</sup>  
*piceicornis* Grid. 20-18<sup>1</sup>  
*ventralis* Grav. 02-174<sup>1</sup> S.A. W.I. N.A.  
[Eur. Asia, Afr.]  
*anthrax* Grav. 02-176<sup>1</sup>  
*immundus* Grav. 06-66<sup>1</sup>  
*celer* Grav. 06-66<sup>1</sup>  
*piceicollis* Steph. 32-224<sup>1</sup>  
*fulvipes* Steph. 32-229 (not Fabr.)<sup>1</sup>  
*rotundiceps* Steph. 32-248<sup>1</sup>  
*proximus* Woll. 57-189<sup>1</sup>  
*fortunatus* Woll. 65-493<sup>1</sup>  
*discoideus* Grav. 02-38<sup>1</sup> W.I. N.A. Eur.  
[Afr. Asia, Hawaii]  
*testaceus* Payk. 89-28<sup>1</sup>  
*suturalis* Marsh. 02-509<sup>1</sup>  
*lepidulus* Steph. 32-223<sup>1</sup>  
*conformis* Bois. & Lac. 35-398<sup>1</sup>  
*ruficornis* Melsh. 46-38<sup>1</sup>  
*rufipennis* Gerh. 10-555<sup>1</sup>  
*gerhardianus* Scheerp. 33-1340<sup>1</sup>  
*kessleri* Blatch. 36-256  
*multipunctatus* Blatch. 10-339
- Belonuchus**  
*rufipennis* Fabr. 01-597<sup>1</sup> S.A. C.A. W.I.  
*formosus* Grav. 06-72<sup>1</sup> [N.A.]  
*apicalis* Dej. 33-63<sup>1</sup>  
*pallipes* Melsh. 46-35<sup>1</sup>  
*schefferi* Cooper 33-545 Tex.
- Cafius** Steph. 32-345<sup>14</sup>  
\* **CAFIUS** (s.str.)<sup>14</sup>  
*nudus* Shp. 74-36<sup>14</sup> Japan, Vanc.  
*johnsoni* Fall 16-13<sup>14</sup>  
**BRYONOMUS** Csy. 86-313<sup>14</sup>  
*canescens* Mäkl. 52-313<sup>14</sup> Cal.-Alas.  
*seminitens* Horn 84-236<sup>14</sup> Cal.  
**EUREMUS** Brg. 34-68<sup>14</sup>  
*decipiens* Lec. 63-40<sup>14</sup> Cal.  
*sulcicollis* Lec. 63-40<sup>14</sup> Cal.  
*luteipennis* Horn 84-237<sup>14</sup> L.Cal.-Vanc.  
*bistriatus* Er. 40-502<sup>14</sup> N.Y.-Fla. W.I.  
*bilineatus* Er. 40-503<sup>14</sup>  
*rufifrons* Brg. 34-68<sup>14</sup>  
**PSEUDOREMUS** Koch 36-179<sup>14</sup>  
*opacus* Lec. 63-40<sup>14</sup> Cal.  
*lithocharinus* Lec. 63-38<sup>14</sup> Cal.  
**REMUS** Holme 37-64<sup>14</sup>  
*sericeus* Holme 37-64<sup>14</sup> Eur. Atl.Cst.  
*laguayoi* Brg. 34-66<sup>14</sup> Atl.Cst.  
*f.femoralis* Mäkl. 53-189<sup>14</sup> Alas.-Cal.
- Staphylinus**  
*caseyi* Scheerp. 33-1392  
*quadriceps* Csy. 25-149<sup>12</sup>  
*macgregori* Cooper 33-264 Ariz.  
*globulifer* Fourc. 85-164<sup>16</sup> Eur. Que.  
*edentulus* Block 99-115<sup>16</sup>  
*morio* Grav. 02-6<sup>16</sup>
- Creophilus**  
\* *maxillosus* Linn. 58-421<sup>1</sup> C.A. W.I. N.A.  
[Eur. Asia, Afr.]  
*anonymus* Sulz. 61-17<sup>1</sup>  
*balteatus* DeG. 74-18<sup>1</sup>  
*fasciatus* Fuess. 75-21<sup>1</sup>  
*nebulosus* Fourc. 85-165<sup>1</sup>  
*villosus* Grav. 02-160<sup>1</sup>  
*ciliaris* Steph. 32-202<sup>1</sup>  
*arcticus* Er. 39-350<sup>1</sup>  
*cinerarius* Er. 39-350<sup>1</sup>  
*bicinctus* Mannh. 43-229<sup>1</sup>  
*orientalis* Mannh. 43-229<sup>1</sup>  
*fulvago* Mots. 60-120<sup>1</sup>  
*imbecillus* Shp. 74-28<sup>1</sup>  
*medialis* Shp. 74-28<sup>1</sup>  
*subfasciatus* Shp. 74-28<sup>1</sup>  
*pulchellus* Meier 99-99<sup>1</sup>  
*canariensis* Bnhr. 08-334<sup>1</sup>
- Quedius**  
*caseyi* Scheerp. 33-1435 Man.  
*curtipennis* Csy. 15-414<sup>12</sup>
- Anacryptus** Horn 77-87  
(*Microcryptus* Horn 82-1)<sup>1</sup>  
\* *testaceus* Lec. 63-30<sup>1</sup> W.I. Fla.-Ariz.-  
[L.Sup.]
- Tachyporus** Grav. 02-124<sup>17</sup>  
\* *nitidulus* Fabr. 81-337<sup>17</sup> Mass.-Va.-Cal.-  
*brunneus* Fabr. 92-535<sup>17</sup> [B.C.]  
*faber* Say 34-468<sup>17</sup>  
*scitulus* of Horn 77-105<sup>17</sup>  
*nanus* Er. 40-240<sup>17</sup> D.C. Pa. Mich.  
*rudomus* Blkwr. 36-44 Alas.-Cal.-Mich.  
*tehamæ* Blkwr. 36-45 Cal.  
*californicus* Horn 77-104<sup>17</sup> Cal.-Wash.  
*stejnegeri* Blkwr. 36-47 Alaska  
*jocosus* of Lin. & Schw. 98-333<sup>17</sup>  
*maculipennis* Lec. 66-374<sup>17</sup> Vt.-Ga.-  
[N.M.-B.C.]  
*elegans* Horn 77-103<sup>17</sup> Mass.-W.Va.-  
[Okla.-Man.]  
*snyderi* Blkwr. 36-49 D.C.-Fla.-Ky.  
*temacus* Blkwr. 36-49 Colo. Nev. Sask.  
*jocosus* Say 34-466<sup>17</sup> N.H.-Fla.-Cal.-  
*arduis* Er. 40-237<sup>17</sup> [Y.T.]  
*pulchrus* Blatch. 10-447<sup>17</sup> Ind.  
*oregonus* Blkwr. 36-51 Ore. Cal.  
*acaudus* Say 34-467<sup>17</sup> Mass.-Ky.-N.M.-  
[Wash.-Ont.]  
*maculicollis* Lec. 66-374<sup>17</sup>  
*heterocerus* Lec. MS<sup>17</sup>  
*angusticollis* Lec. MS<sup>17</sup>  
*arizonicus* Blkwr. 36-53 Ariz.  
*alleni* Blkwr. 36-53 Ore.  
*mexicanus* Shp. 83-311<sup>17</sup> Mex. Tex.

<sup>1</sup> Blackwelder & M.<sup>14</sup> Revision of genus, Koch 38.<sup>15</sup> Described as valid species, Biedig 24.<sup>12</sup> Scheerpeltz 33.<sup>16</sup> Chagnon 36.<sup>17</sup> Revision of genus, Blackwelder 36.

**Leucoparyphus** Kr. 57-393

\* *silphoides* Linn. 67-684<sup>1</sup> W.I. N.A. Eur.  
[Asia, Afr.]

*suturalis* Panz. 94-18<sup>1</sup>  
*marginalis* Grav. 02-192<sup>1</sup>  
*limbatus* Grav. 06-12<sup>1</sup>  
*pictus* Er. 39-246<sup>1</sup>  
*geminatus* Rand. 38-39<sup>1</sup>

**Coproporus** Kr. 57-399<sup>18</sup>

\* (*Erchomus* Mots. 58-218)<sup>18</sup>  
(*Cilea* Pand. 69-277, not Duval)<sup>18</sup>  
ventriculus Say 34-466<sup>18</sup> N.H.-Fla.-Cal.-  
[Wash.-Man.]

*acuductus* Kby. 37-90<sup>18</sup>  
*affinis* || Kby. 37-91<sup>18</sup>  
*gibbulus* Er. 39-252<sup>18</sup>  
*punctulatus* Melsh. 46-32<sup>18</sup>  
*flavidus* Csy. 84-141<sup>18</sup>  
*politus* || Manee 15-175<sup>18</sup>  
*mancei* Scheerp. 34-1517  
*rutilus* Er. 39-253<sup>18</sup> S.A. C.A. W.I. Tex.  
*brevis* Scriba 55-296 (not Sharp)<sup>18</sup>  
*lecontei* Blkwr. 38-5 Ariz. Cal.  
*punctipennis* || Lec. 63-31<sup>18</sup>  
*lævis* Lec. 63-31<sup>18</sup> Md.-Fla.-Tex.-Ind.  
*sparsus* Blkwr. 38-7 Ariz.  
*hepaticus* Er. 39-249<sup>1</sup> S.A. C.A. W.I.  
*convexus* Er. 39-248<sup>1</sup> [Tex.-Cal.]  
*ignavus* Shp. 76-87<sup>1</sup>  
*inflatus* Horn 77-107<sup>1 18</sup>  
*arizonæ* Blkwr. 38-8 Mex. Ariz. Tex.  
*pulchellus* Er. 39-247<sup>1</sup> S.A. C.A. W.I.  
*cumanensis* Scriba 55-297<sup>1</sup> [Fla.]  
*infimus* Duval 57-33<sup>18</sup>  
*distans* Shp. 76-92<sup>1</sup>

**Philoterme** Kr. 57-13<sup>19</sup>

*pilosus* Kr. 57-14<sup>19</sup> Mass.-D.C.-Ill.  
*fuchsii* Kr. 57-15<sup>19</sup> Fla.-Tenn.-Ark.  
*pennsylvanicus* Kr. 57-15<sup>19</sup> Mass.-D.C.-  
[Ill.-Tex.]  
*emersoni* Seevers 38-435<sup>19</sup> Ind.

**Atheta**

*fenyesiana* Scheerp. 34-1607  
*annuliventris* || Fenyes 14-49<sup>12</sup>  
*occidentalis* Bnhr. (Cat. No. 5108 &  
[No. 5133])

**Baryodma**

*bilineata* Gyll. 10-436<sup>4</sup> Eur. N.A.

**Termitonidia** Seevers 38-428<sup>20</sup>

*lunata* Seevers 38-429 Ariz.

**Eburniogaster** Seevers 38-424<sup>20</sup>

*termitocolus* Seevers 38-426 Ariz.  
*texanus* Brues 02-186<sup>21</sup> Tex.

<sup>4</sup> Voris in litt.<sup>18</sup> Revision of genus, Blackwelder--38.<sup>19</sup> Revision of genus, Seevers--38.<sup>20</sup> Should follow *Termitogaster* in *Alcocharini* (near *Ocalea*).<sup>21</sup> Seevers--38.**PSELAPHIDÆ****Actium**

*pennsylvanicum* Bowm. 34-141 Pa.

**Euplectus**

*excavatus* Bowm. 34-141 Pa.

**Trigonoplectus** Bowm. 34-37<sup>1</sup>

*minutus* Bowm. 34-38 Pa.  
*rostratus* Bowm. 34-38 Pa.

**Biblopectus**

*exilis* Bowm. 34-141 Pa.

**Batrisodes**

*kahli* Bowm. 34-141 Tenn.

**Brachygluta**

*mormon* Bowm. 34-142 Utah

**Reichenbachia**

*utahensis* Tanner 34-43 Utah

**Decarthron**

*setosum* Bowm. 34-142 Pa.

**Pselaphus**

*ulkei* Bowm. 34-142 Can. Mass. Ida.  
[S.D.]

**HISTERIDÆ<sup>2</sup>****Hololeptinæ<sup>2</sup>****Hololepta<sup>2</sup>**

*liotona*<sup>3</sup>

**Teretriinæ<sup>2</sup>**

*Teretrius*<sup>2</sup>

*Teretriosoma*<sup>2</sup>

**Abræinæ<sup>2</sup>**

*Peploglyptus*<sup>2</sup>

*Onthophilus*<sup>2</sup>

*Plegaderus*<sup>2</sup>

*setulosus* Ross 38-50 B.C.

*Bacanius*<sup>2</sup>

<sup>1</sup> To precede *Acalonia*, Bowman--34.<sup>2</sup> An alternative arrangement of genera differing from Leng's, is given by Bickhardt in *Genera Insectorum* fasc. 166, and above.<sup>3</sup> Leng Catalog.

**Anapleus** -

- marginatus* Lec. 53-292  
*compactus* Csy. 93-558<sup>4</sup>  
*mexicanus* Csy. 16-248<sup>4</sup>

**Abræus** ?**Acritus** ?**Saprininae** :**Saprinus** -

- felipæ* Lewis 13-87 Tex.<sup>5</sup>  
*alienus* Lec. 51-167  
*shantzi* Csy. 24-200<sup>4</sup>  
*pennsylvanicus* Payk. 11-62  
*profusus* Csy. 93-566<sup>4</sup>  
*semistriatus* Scriba 90-76 Eur. Afr.  
[Mex. Ia.-Mich.  
*semipunctatus* Payk. 98-45<sup>6</sup>  
*acuminatus* Fabr. 98-37<sup>6</sup>  
*nitidulus* Fabr. 01-85<sup>6</sup>  
*incrassatus* Men. 32-170<sup>6</sup>  
*krynickyi* Kryn. 32-113<sup>6</sup>  
*turcomanicus* Men. 48-55<sup>6</sup>  
*subattenuatus* Mots. 49-95<sup>4</sup>  
*planiusculus* Mots. 49-97<sup>6</sup>  
*sparsipunctatus* Mots. 49-97<sup>4</sup>  
*uralensis* Mots. 49-98<sup>6</sup>  
*punctostriatus* Mars. 62-460<sup>6</sup>  
*steppensis* Mars. 62-460<sup>6</sup>  
*rugipennis* Hockh. 72-225<sup>6</sup>  
*hockhuthi* Reitt. 06-267<sup>6</sup>  
*subnitescens* Bickh. 09-221<sup>6</sup>  
*imperfectus* of Blatch. 10-620<sup>6</sup>  
*lecontei* Csy. 16-262<sup>6</sup>  
*pacovicnsis* Roubal 27-94<sup>4</sup>  
*assimilis* Payk. 11-63  
*simulatus* Blatch. 10-621<sup>6</sup>  
*conformis* of Blatch. 10-620<sup>6</sup>  
*semisulcus* Hatch 29-79<sup>7</sup>  
*conformis* Lec. 45-72  
*oviformis* Blatch. 10-622<sup>6</sup>  
*sphaeroides* Lec. 45-77  
*impunctellus* Csy. 93-571<sup>6</sup>  
*lakensis* Blatch. 10-623<sup>6</sup>  
*illinoensis* Wolc. 12-161<sup>6</sup>  
*eriensis* Hatch 29-82<sup>6</sup>  
*ontarioensis* Hatch 29-82<sup>6</sup>  
*ohioensis* Hatch 29-82<sup>6</sup>  
*michiganensis* Hatch 29-83<sup>6</sup>  
*seminitens* of Blatch. 10-623<sup>6</sup>  
*alutiger* Wenzel 35-189 Wis. Ind.  
*prosternalis* Hinton 35-78 L. Cal.  
*strigithorax* Hinton 35-79 L. Cal.  
*ferrugineus* Mars. 55-712  
*lustrans* Csy. 16-269<sup>4</sup>  
*bigemmus* Lec. 51-169  
*parvus* Csy. 16-273<sup>4</sup>  
*strigularius* Csy. 16-274<sup>4</sup>  
*fitschi* Mars. 62-494  
*omissus* Csy. 16-272<sup>4</sup>  
*ludovicianus* Csy. 24-206<sup>4</sup>

- lucidulus* Lec. 51-170  
*recticollis* Csy. 24-204<sup>4</sup>  
*diego* Csy. 24-204<sup>4</sup>  
*obsolescens* Csy. 24-205<sup>4</sup>  
*dimidiatipennis* Lec. 24-170  
*palmaris* Say 25-42 (or aberr.)<sup>4</sup>

**Bæckmanniolus** Rehd. 26-12<sup>9</sup>

- balloui* Hntn. 35-80<sup>9</sup> L. Cal.  
*gaudens* Lec. 51-165 Cal. Mex.  
*guardens* Hntn. 35-81<sup>9</sup>  
*palmaris* Say 25-42<sup>9</sup> E. U.S.  
*serrulatus* Lec. 51-165<sup>9</sup> Cal.

**Chelyoxenus** ?

- \* *xerobatis* Hubb. 94-309 Fla.  
*repens* Csy. 16-262<sup>4</sup>  
*insolitus* Csy. 16-263<sup>4</sup>

**Gnathoneus** ?**Dendrophilinae** :**Dendrophilus** ?

- punctatus* Hbst. 92-41  
*punctulatus* Say 25-45<sup>10</sup>  
*xavieri* Lewis<sup>10</sup> Japan  
*sexstriatus* Hatch 38-18 Iowa  
*tularenensis* Ross 37-67 Cal.

**Nestipyge** -**Carcinops** ?

- gilensis* Lec. 51-164  
*uteana* Csy. 16-242<sup>4</sup>  
*consors* Lec. 51-164  
*papagoana* Csy. 93-554<sup>4</sup>  
*nigra* Csy. 16-242<sup>4</sup>  
*opuntiae* Lec. 51-164  
*bisculpta* Csy. 16-243<sup>4</sup>  
*perlata* Csy. 16-244<sup>4</sup>

**Paromalus** ?**Isolomalus** ?

- seeveri* Wenzel 37-266 Kan.  
*seminulum* Er. 34-171  
*ovulatus* Csy. 16-246<sup>4</sup>

**Histerinae****TRIBALINI** :**Epierus** -**Stictostix** ?**Tribalister** ?**Idolia** ?**Cærosternus** ?

<sup>2</sup> An alternative arrangement of genera differing from Leng's, is given by Bickhardt in *Genera Insectorum* fasc. 166, and above.

<sup>4</sup> Wenzel in litt.

<sup>6</sup> Ballou in litt.

<sup>8</sup> Wenzel 39.

<sup>10</sup> Wenzel 35.

<sup>6</sup> Leng & Mutchler—34.

<sup>9</sup> Hinton—35.

<sup>10</sup> Wenzel in litt. (after Ross).

PLATYSOMINI<sup>2</sup>Cylistix<sup>2</sup>

- cylindrica* Payk. 11-91  
*parvula* Csy. 24-198<sup>4</sup>

Platysoma<sup>2</sup>

- depressum* Lec. 45-40  
*pinorum* Csy. 16-202<sup>4</sup>  
*tabellum* Csy. 93-551<sup>4</sup>

Omalodes<sup>2</sup>HISTERINI<sup>2</sup>Psiloscelis<sup>2</sup>Hister<sup>2</sup>

- felipæ* Lewis 01-373<sup>5</sup> Kans.  
*ænigmaticus* Wenzel 37-267 Ind.  
*semiruber* Csy. 93-539  
*solaris* Carn. 15-144<sup>4</sup>  
*militaris* Horn 70-135 Cal. Ore. Wash.  
*oregonus* Csy. 93-549<sup>11</sup>  
*electus* Csy. 93-548<sup>11</sup>  
*simplicipes* Fall 01-235<sup>11</sup>  
*ciliatus* Lewis 88-199<sup>12</sup> Mex. Ariz.  
*sexstriatus* Lec. 51-163  
*maritimus* Csy. 16-214<sup>11</sup>  
*s.jacobianus* Csy. 16-215<sup>11</sup>  
*stygius* Lec. 45-48  
*jaquesi* Hatch 29-76<sup>4</sup>  
*interruptus* Beauv. 05-180  
*immunis* Er. 34-143<sup>6</sup>  
*albertensis* Hatch 26-275<sup>6</sup>  
*carri* Hatch 26-276<sup>6</sup>  
*foedatus* Lec. 45-50  
*texensis* Csy. 24-217<sup>4</sup>  
 PARALISTER Bickh. 16-188  
*cognatus* Lec. 45-28<sup>13</sup> N.Y.-Can.-Tex.  
*unicus* Csy. 93-547<sup>6 13</sup>  
*sinuosus* Lewis 00-231<sup>13</sup>  
*marginicollis* Lec. 45-28<sup>13</sup> Ill. Ind.  
*remotus* Lec. 59-70<sup>13</sup> Cal. Ore.  
*semisculptus* Lec. 63-60<sup>13</sup> Ill.  
*californicus* Mars. 54-115<sup>13</sup> L. Cal. Mex.

\* \* \*

- abbreviatus* Fab. 75-53  
*coloradensis* Csy. 24-198<sup>4</sup>  
*depurator* Say 25-33  
*furtivus* Lec. 59-313<sup>4</sup>  
*circinans* Csy. 16-220<sup>4</sup>  
*osculatus* Blatch. 10-607  
*puncticollis* Schffr. 12-26<sup>4</sup>  
*grandis* Wenzel 39-13 Iowa  
*fungicola* Schffr. 12-27  
*nanulus* Csy. 16-224<sup>4</sup>  
*indistinctus* Say 25-35  
*debilicinus* Csy. 24-197<sup>4</sup>  
*densicauda* Csy. 16-222  
*cribricauda* Csy. 16-222<sup>4</sup>  
*americanus* Payk. 11-31  
*diffRACTUS* Csy. 16-225<sup>4</sup>

*pollutus* Lec. 59-7*lævicauda* Csy. 16-227<sup>4</sup>*fluviatilis* Csy. 16-228<sup>4</sup>*tornatus* Lec. 80-190<sup>4</sup> N.C. Ga.Margarinotus<sup>2</sup>EXOSTERNINI<sup>2</sup>Phelister<sup>2</sup>*(conquisitus* Lewis, not No. American)<sup>3</sup>Pseudister<sup>3</sup>*hospes* Lewis 02-236<sup>3</sup> N.Y.Hetæriinæ<sup>2</sup>HETÆRIOMORPHINI<sup>2</sup>Terapus<sup>2</sup>*arizonensis* Ross 38-48 Ariz.Ulkeus<sup>2</sup>HETÆRIINI<sup>2</sup>Reninus<sup>4</sup>*salvini* Lewis 88-220<sup>4</sup> Tex.Echinodes<sup>2</sup>Hetærius<sup>2</sup>*wagneri* Ross 38-49 Cal.

## LYCIDÆ

## Plateros

*californicus* VanD. 18-1  
*columbiensis* Brown 29-108<sup>1</sup>

## LAMPYRIDÆ

## Aspidosoma

*ignitum* Linn. 67-645<sup>2</sup> Tex. Mex.-Bra.

## Phausis

*nigra* Hopp. 37-89 B.C.

## CANTHARIDÆ

## Cantharis

*perpallens* Fall 36-179 Cal.  
*imbecillus* Lec. 51-342 Pa. Conn.  
*mimus* Fall 36-182 N.J.  
*mollis* Fall 36-182 N.H.-Pa.  
*pusillus* of Lec. 1881 (not Lec. 1851)<sup>3</sup>

<sup>11</sup> Ross—37.<sup>12</sup> Ballou & Siepmann—38.<sup>13</sup> Revision of subgenus, Wenzel—37.<sup>1</sup> Fall—34.<sup>2</sup> Fall—37.<sup>3</sup> Fall—36.

*greeniei* Fall 36-183  
*lecontei* Fall 36-180  
*collaris* || Lec. 51-340 <sup>3</sup>  
*tuberculatus* Lec. 51-341  
*impressus* Lec. 51-341 <sup>3</sup>  
*brevicollis* Lec. 51-341 <sup>3</sup>  
*armiger* Couper 65-62 <sup>3</sup>

## MELYRIDÆ <sup>4</sup>

### Malachinæ <sup>4</sup>

*Collops*  
*bridgeri* Tanner 36-153

*Malachius*  
*utahensis* Tanner 36-153  
*antennatus* Hopp. 37-90

*Tanaops*  
*testaceus* Marshall 37-164

*Attalus*  
*smithi* Hopp. 37-91

### Rhadalinæ <sup>4</sup>

### Melyrinæ <sup>4</sup>

#### DASYTINI <sup>5</sup>

*Cymbolus* <sup>5</sup>

*Eucymbolus* <sup>5</sup>

*Dolichosoma*

*Pristoseelis* <sup>5</sup>

*Eschatocrepis* <sup>5</sup>

*Dasytes* <sup>5</sup>  
*blaisdelli* Pic 37-65  
*subaneus* Blais. 26-12 <sup>6</sup>

*Dasytellus* <sup>5</sup>

*Vecturoides* Fall 30-255 <sup>5</sup>  
*(Menovectura)* Blais. 31-181) <sup>5</sup>

*Amphivectura* Blais. 38-13 <sup>5</sup>  
*monticola* Elais. 34-151 <sup>5</sup>

*Hoppingiana* Blais. 24-2 <sup>5</sup>  
*hudsonica* Lec. 66-360  
*brevilabris* Blais. 24-3 <sup>5 9</sup>  
*Kingi* Brown 28-147 <sup>9</sup>

*Leptovectura* <sup>5</sup>

W.Va. *Allonyx* <sup>5</sup>

*Pseudallonyx* <sup>5</sup>

*Vectura* <sup>5</sup>  
*fulvescens* Blais. 34-71 Cal.

*Dasytastes* <sup>5</sup>

*Mecomyceter* <sup>5</sup>

*Pseudasydates* Blais. 38-18 <sup>5</sup>  
*inyoensis* Blais. 38-18 Cal.

Wyo. *Eudasytes* <sup>5</sup>  
*sinuatus* Blais. 37-128 Cal.

Ut. Ida. *Asydates* <sup>5</sup>

B.C. *Sydatopsis* <sup>5</sup>

Ariz. *Cradytes* <sup>5</sup>

*Eutricholistra* <sup>5</sup>

B.C. *Byturosoma* <sup>5</sup>

*Trichochrous* <sup>5</sup>  
*cupripilosa* Blais. 37-140 Cal.  
*calcaratus* Fall 34-142 Is. off Cal.

*Trichochronellus* Blais. 38-23 <sup>5</sup>  
*stricticollis* Csy. 95-532 <sup>5 10</sup> Cal.

*Holomallus* Gorch. 86-325 <sup>5</sup>

*Entrichopleurus* Blais. 38-24 <sup>5</sup>  
*seriellus* Csy. 95-506 <sup>5 10</sup> Utah

*Emmenotarsus* <sup>5</sup>

*Trichochroides* Blais. 38-25 <sup>5</sup>  
*sexualis* Csy. 95-524 <sup>5 10</sup> Cal.

*Sydates* <sup>5</sup>

U.S. *Listromimus* <sup>5</sup>

*Listromorpha* Blais. 21-188 <sup>5</sup>

*Adasytes* <sup>5</sup>

*Amecocerus* Sol. 49-419 <sup>6</sup>  
*(Listrus)* Mots. 59-389) <sup>6 11</sup>  
*caseyi* Pic 37-99 U.S.

*subaneus* || Csy. 95-342 <sup>6</sup>  
*regalis* Blais. 38-165 Cal.  
*vanduzeei* Blais. 34-317 Cal.  
*coalingensis* Blais. 36-187 Cal.  
*gentryi* Blais. 36-185 Cal.  
*minimus* Blais. 36-184 Cal.  
*coronadensis* Blais. 39-57 L. Cal.  
*robustus* Blais. 37-143 Wyo.  
*wyomingensis* Blais. 37-141 Wyo.

*Listropsis* Blais. 24-1 <sup>6</sup>

### MELYRINI <sup>7</sup>

<sup>3</sup> Fall -36.

<sup>4</sup> Subfamilies rearranged by Blaisdell—38.

<sup>5</sup> Genera rearranged by Blaisdell—38.

<sup>6</sup> Pic—37.

<sup>7</sup> Described in *Hoppingiana*, Blaisdell—34.

<sup>8</sup> Blaisdell—34.

<sup>9</sup> Blaisdell—38.

<sup>10</sup> Described in *Trichochrous*.

<sup>11</sup> Listed as valid by Blaisdell—38.

## CLERIDÆ

The proper date of the following Leconte species should be 1849 instead of 1852: 7531, 7545 syn., 7561, 7565, 7597 syn., 7602 syn., 7610 syn., 7614, 7615, 7630a syn., 7643, 7647a, 7647a syn., 7660, 7661, 7679, 7681, 7689, 7714, and the genus *Elasmocerus*.<sup>12</sup>

Tillinæ<sup>13</sup>

**Monophylla** Spin. 41-75<sup>13</sup>

(*Elasmocerus* Lec. 52-13)<sup>13</sup>

(*Macrotelus* Spin. 41-75)<sup>13</sup>

**Callotillus** Wolc. 11-115<sup>13</sup>

vafer Wolc. 21-270 Ariz. S. Cal.<sup>12</sup>

**Tillus** Oliv. 90-22<sup>13</sup>

(*Cylinder* Voet 69-06—78)<sup>13</sup>

(*Tilloidea* Cast. 32-398)<sup>13</sup>

**Perilypus** Spin. 41-72<sup>13</sup>

**Cymatodera** Gray 32-375<sup>13</sup>

neomexicana Knull 34-9 N. Mex.

xanti Horn (Locality should be L. Cal.)<sup>12</sup>

peninsularis Schffr. (Locality should be [Lower Cal., Ariz.]<sup>12</sup>

fuchsi Schffr. 04-216

?comans Wolc. 10-351<sup>12</sup>

7563, for 65-95 read 66-95<sup>12</sup>

7568a, for 65-95 read 66-95<sup>12</sup>

7569, for 04-127 read 04-217<sup>12</sup>

cephalica Schffr. (Locality should be [Cal.]<sup>12</sup>

purpuricollis Horn (Locality should be [Lower Cal.]<sup>12</sup>

**Bostrichoclerus** VanD. 38-189

bicornis VanD. 38-190 Gulf of Cal. Is.

Hydnocerinae<sup>13</sup>

**Hydnocera** Newm. 38-379<sup>13</sup>

7640, for 08-333 read 08-133<sup>12</sup>

7642, for 65-97 read 66-97<sup>12</sup>

7668, for 67-135 read 68-135<sup>12</sup>

(*lateralis* Gorb., not No. American)<sup>12</sup>

suturalis Klug

limbata Spin. 44-49<sup>12</sup>

verticalis Say

brachyptera Klug 42-313<sup>12</sup>

**Isohydnocera** Chpn. 17-83<sup>13</sup>

nigrina Schffr. 08-134<sup>12</sup> Ariz.

7687, for 65-97 read 66-97<sup>12</sup>

(*Erolestes* Wolc., not North American)<sup>12</sup>

(*cleroides* Wolc., not No. American)<sup>12</sup>

<sup>12</sup> Wolcott in litt.

<sup>13</sup> New generic classification after Chapin—24 and Schenkling—16, with synonymic additions from Schenkling—Col. Cat. p. 23.

Phyllobæninæ<sup>13</sup>

**Phyllobænus** Spin. 44-1<sup>13</sup>

Clerinæ<sup>13</sup>

**Priocera** Kby. 18-389<sup>13</sup>

chiricahuæ Knull 39-27 Ariz.

**Opilo** Latr. 02-111<sup>13</sup>

(*Eupocus* Ill. 07-341)<sup>13</sup>

(*Notorus* of authors)<sup>13</sup>

(*Opilus* of authors)<sup>13</sup>

**Serriger** Spin. 41-73<sup>13</sup>

Ref. to Wolcott on p. 28 Suppl. 1 should [read 22-77].<sup>12</sup>

**Cleronomus** Klug 42-282<sup>13</sup>

(*Derestenus* Chev. 43-13)<sup>13</sup>

(*Colyphus* Spin. 44-133)<sup>13</sup>

furcatus Schffr. 04-218<sup>12</sup> Tex.

haagi Chevr. 76-12<sup>12</sup> Mex. Tex.

melanopterus Dury 06-251<sup>12</sup> Ohio

subcostatus Schffr. 17-131<sup>12</sup> Fla.

thoracica Oliv. 95-18<sup>12</sup>

monilis Melsh. 46-307<sup>12</sup>

ornaticollis Lec. 80-194<sup>12</sup>

v. pallipes Wolc. 12-55<sup>12</sup> Ill. Kan. Ia. [Neb.]

**Thanasimus** Latr. 06-270<sup>13</sup>

(*Cleroides* Schffr. 77-137)<sup>13</sup>

(*Pseudoclerus* Duval 60-196)<sup>13</sup>

7582, for 70-342 read 71-342<sup>12</sup>

undatulus Say 35-163

undulatus of authors<sup>12</sup>

**Clerus** Fabr. 75-157<sup>13</sup>

(*Enoclerus* Gahan 10-62)<sup>13</sup>

lecontei Wolc. 10-359

nigriventris || Lec. 61-351<sup>12</sup>

iljebliadi Wolc. 22-73 Mich. N. Y. Pa.<sup>12</sup>

erro Wolc. 22-68 (Thanasimus)<sup>12</sup> Ariz.

inyoensis VanD. 38-191 Cal.

(*quadriguttatus* Oliv., not No. Amer.)<sup>12</sup>

abdominalis Chevr. 34-52 Mex. Ariz.

zonatus Klug 42-297<sup>12</sup>

v. spinolæ Lec. 53-230<sup>12</sup> Mx. Ar. Cal. [Kan.]<sup>12</sup>

bombycinus Chevr. 33-42 Cal.<sup>12</sup>

sphegeus Fabr. 87-125

sobrius Walk. 66-326

sobrinus of authors (not Cast.)<sup>12</sup>

**Placopterus** Wolc. 10-363<sup>13</sup>

(*Phlopterus* of authors)

(*Plæopterus* of authors)

(*Pæclochroa* Chevr. 76-5)<sup>13</sup>

cyanipennis Klug 42-307<sup>14</sup> Mex.

v. dasytoides Westw. 49-50<sup>14</sup> Mex. Tex.

<sup>14</sup> Only representative in North America—Wolcott—in litt.

**Aulicus** Spin. 41-74 <sup>13</sup>  
*(nero Spin., not North American)* <sup>12</sup>  
*humeralis* Linsley 36-252 <sup>15</sup> L.Cal.  
 [Gulf Cal.Is.  
*femoralis* Schffr. 17-132 <sup>15</sup> Ariz. Tex.  
*monticola* Gorh. 82-146 <sup>15</sup> Mx. Tex. Ar.  
*fissipes* Schffr. 21-155 <sup>15</sup> Ariz. L.Cal.  
*nigriventris* Schffr. 21-156 <sup>15</sup> Mex. Ariz.  
*dentipes* Schffr. 21-157 <sup>15</sup> Tex. Ariz.  
*terrestris* Linsley 33-95 <sup>15 16</sup> Cal.  
*bicinctus* Linsley 36-255 <sup>15</sup> Cal.

*(Sallaa Chev., not North American)* <sup>12</sup>  
*(coffini White, not North American)* <sup>12</sup>

**Xenoclerus** Schenk. 02-327 <sup>14</sup>

**Trichodes** Hbst. 92-154 <sup>13</sup>  
*(Pachyscelis Hope 40-139)* <sup>13</sup>  
*interruptus* Lec., for 52-88 read 49-18 <sup>12</sup>  
*peninsularis* Horn (Locality should be  
 [Lower Cal.] <sup>12</sup>  
*ornatus* Say (Locality should be Dak.  
 [Colo.-Pac.-Alas.] <sup>12</sup>  
*nutalli* Kby. (Add locality Colo.) <sup>12</sup>

### Thaneroclerinae <sup>13</sup>

**Thaneroclerus** Lef. 38-13 <sup>13</sup>  
*(Isoclerus Lewis 92-191)* <sup>13</sup>  
*(Thaneroclerus Chenu 60-247)* <sup>13</sup>  
*(Thaneroclerus Gemm. & Har.*  
 [69-1739] <sup>13</sup>

**Ahaba** Csy. 97-653 <sup>12</sup>  
*(Prionostichus Wolc. 11-125)*  
*(Prionodera || Wolc. 10-396)*

### Enopliinae <sup>13</sup>

**Ichnea** Cast. 36-55

**Chariessa** Perty 30-109 <sup>13</sup>  
*(Brachymorphus Chev. 35-150)* <sup>13</sup>  
 7707, for 57-48 read 60-48 <sup>12</sup>

**Pelonium** Spin. 44-347 <sup>13 17</sup>  
*(Corinthiscus Frm. & Grm. 61-4)* <sup>13</sup>  
*(Philyra Cast. 36-53)* <sup>13</sup>  
*(Tarandocerus Chev. 76-7)* <sup>13 17</sup>

**Oregya** Lec., <sup>13</sup> for 62-197 read 61-197 <sup>12</sup>  
 7717, for 65-98 read 66-98 <sup>12</sup>

**Orthopleura** Spin. 44-80 <sup>13</sup>  
*(Dermestoides Schaeff. 71-220)* <sup>13</sup>  
*damicollls*  
*bimaculata* Melsh. 46-307 <sup>12</sup>  
*(quadraticollis Spin., not N. Amer.)* <sup>12</sup>

**Pelonides** Kuw. 94-8 <sup>13</sup>  
*(Enophilum of authors)* <sup>13</sup>  
 7699, for 67-135 read 68-135 <sup>12</sup>  
*(militaris Chev., not No. American)* <sup>12</sup>

<sup>12</sup> Wolcott in litt.

<sup>13</sup> New generic classification after Chapin—24 and Schenkline—16, with synonymic additions from Schenkling—Col. Cat. p. 23

<sup>14</sup> Revision of genus, Linsley—36.

<sup>15</sup> Linsley—33-88.

<sup>17</sup> Listed as synonyms of Chariessa by Wolcott in litt.

*similis* Knull 38-97 Tex.  
*perroudi* Pic 33-12 (Pyticera) Tex.  
 7704, for 65-99 read 66-99 <sup>12</sup>

### Korynetinae <sup>13</sup>

**Lehasiella** Spin. 44-77 <sup>13</sup>  
*marginella* Chev. 43-42 <sup>12</sup> ?Cal. Nev.

**Korynetes** Hbst. 92-148 <sup>13</sup>  
*(Corynetops Duval 61-201)* <sup>13</sup>  
*(Corynetes of authors)* <sup>13</sup>  
*maculicollis*  
*v.nigricollis* Wolc. 27-110 <sup>12</sup> Cal.

**Necrobia** Oliv. 95-76 <sup>12</sup>  
*(Agonolia Muls. 64-122)* <sup>13</sup>

**Tarsostenus** Spin. 44-287 <sup>13</sup>

**Opetiopalpus** Spin. 44-110 <sup>13</sup>  
*(Opetiopselaphus Gemm. & Har.*  
 [69-1759] <sup>13</sup>

## CEPHALOIDÆ

**Cephaloon** Newm. 38-377 <sup>13</sup>  
*ungulare* Lec. 74-275 N.H.-N.C. L.Sup.  
*pacificum* VanD. 28-260 Cal.-B.C.  
*lepturides* Newm. 38-377 Me.-Pa.-Mich.  
*lepturoides* Hald. 48-95 <sup>15</sup>  
*varians* Hald. 48-95 <sup>15</sup>  
*bicolor* Horn 96-381 Cal. B.C.  
*tenuicornis* Lec. 74-275 B.C.-Alb.-Wash.-  
*piceum* Horn 96-380 <sup>14</sup> [Mont.  
*ornatum* Csy. 97-652 <sup>18</sup>  
*versicolor* Csy. 97-651 <sup>18</sup>  
*vandykei* Hopp. & Hopp. 34-69 Cal.

## MORDELLIDÆ

**Mordellistena** <sup>19</sup>  
*frosti* Lilj. Me.  
*erratica* Smith Fla.  
*bifasciata* Ray 36-125 Ill.  
*bleinctella* Lec. Fla. S.St. Ind. O.  
*confusa* Blatch. Ind.  
*ozarkensis* Ray 36-125 Ill.  
*tarsalis* Smith Tex.

\* \* \*

*rubrofrontalis* Ray 36-127 Ind.  
*tiara* Ray 36-127 Ill. Mass.  
*rufoccephala* Ray 36-128 Ill.

**Pentaria** Muls. 56-391 <sup>20</sup>  
*(Anthobates || Lec. 50-23)* <sup>20</sup>  
*(Anthobatula Strand 29-23)* <sup>20</sup>

<sup>14</sup> Revision of genus, Hopping & Hopping—34.

<sup>18</sup> Revision of part of section I, Ray—36.

<sup>20</sup> Mequignon—37.



MELOIDÆ<sup>21</sup>

## Nemognathinæ

## ZONITINI

- Zonitis Fabr. 75-126<sup>21</sup>  
 (*Nemognatha* Ill. 07-333)<sup>21</sup>  
 (*Nematognatha* Gemm. & Har. [70-2163])<sup>21</sup>  
*apicalis* Lec. 53-345 B C. Cal. Ariz.  
*bicolor* Walk. 66-331<sup>21</sup>  
*walkeri* Beaur. 89-212<sup>21</sup>  
*arizonica* VanD. 29-132  
*atripennis* Say 23-306 Ark. N.M.  
*bilineata* Say 17-22 Conn.-Minn.  
*lineata* Melsh. 46-53<sup>21</sup>  
*mandibularis* Melsh. 46-53<sup>21</sup>  
*bridwelli* Wellm. 12-38 Cal.  
*calceolata* Guer. 29-136 N.A.  
*californica* Wickh. 05-171 Cal.  
*cribraria* Lec. 53-348 M.W.St.  
*cribricollis* Lec. 53-348 Ind.-Tex.-Ariz.  
*fuscipennis* Lec. 53-349<sup>21</sup>  
*porosa* Lec. 53-349<sup>21</sup>  
*dichroa* Lec. 53-346 Mont. Or. Cal. ?Ar.  
*dubia* Lec. 53-346 Cal. Ore.  
*dunniana* Csy. 91-170 Tex.  
*flavida* Lec. 53-349 N.M. Cal.  
*immaculata* Say 17-22 Kan. Colo. N.M.  
 [Ariz.]  
*longicornis* Horn 70-93 Ill. Fla.  
*lurida* Lec. 53-345 Mex. Kan. Ar. Ore.  
*decipiens* Lec. 53-347<sup>21</sup>  
*rufa* Duges 89-111<sup>21</sup>  
*lutea* Lec. 53-346 Kan. Ariz. Cal.  
*pallens* Lec. 53-346<sup>21</sup>  
*martini* Fall 07-257 N.Mex.  
*nemorensis* Hentz 30-258 Fla.-Ind.  
*bimaculata* Melsh. 46-54<sup>21</sup>  
*ruficollis* Beaur. 90-474<sup>21</sup>  
*nigra* Lec. 53-346 "Benicia"  
*nigripennis* Lec. 53-347 N.M. Cal.  
*perforata* Csy. 91-170 Tex.  
*plezata* Fab. 94-104 Mex. Fla.-Ariz.-  
*vittata* Fab. 01-24<sup>21</sup> [Mont.  
*texana* Lec. 53-347<sup>21</sup>  
*v.bicolor* Lec. 53-345 Kan. Colo.  
*discolor* Lec. 58-77<sup>21</sup> [Tex.  
*stellaris* Beaur. 90-465<sup>21</sup>  
 ?*v.palliata* Lec. 53-346<sup>21</sup> L.Sup. Mont.  
*punctipennis* Lec. 80-214 Ariz.  
*punctulata* Lec. 53-347 Ga.  
*v.flavipennis* Uhler 55-418<sup>21</sup> Va. Ind.  
*rufa* Lec. 54-85 Tex. Mex.  
*rubra* Duges 70-166<sup>21</sup>  
*schaefferi* Blatch. 22-28 Fla.  
*scutellaris* Lec. 53-347 Cal. Utah  
*sparsa* Lec. 68-53 Colo. N.M.  
*sulcicollis* Blatch. 10-1357 Ind.

- vermiculata* Schffr. 05-138 Utah  
*vigilans* Fall 07-257 Cal.  
*vittigera* Lec. 53-348 Ind.-Tex.-Ariz.  
*vittipennis* Horn 75-155 Ariz.  
*zonitoides* Duges 89-110 Mx. Guat. Tex.

Gnathium Kby. 18-425<sup>21</sup>

- francilloni* Kby. 18-426 Mex. Tex. Ga.  
*flavicolle* Lec. 58-23<sup>21</sup>  
*longicolle* Lec. 58-77 Tex.  
*minimum* Say 23-306 Mx. Kan.-Ark.-Ar.  
*walckenaeri* Cast. 40-281<sup>21</sup>  
*nitidum* Horn 70-95 Mex. Cal. Ariz.  
*texanum* Horn 70-94 Tex. Ariz.

SITARINI<sup>21</sup>

- Tricrania* Lec. 60-320<sup>21</sup>  
 (*Horia* Lec. 62-270)<sup>21</sup>  
*murrayi* Lec. 60-320 Ore.  
*sanguinipennis* Say 23-279 Conn.-Ind.

- Tricraniodes* Wellm. 10-219<sup>21</sup>  
*stansburyi* Hald. 52-377 Utah

HORNIINI<sup>21</sup>

- Hornia* Riley 77-564<sup>21</sup>  
*minutipennis* Riley 77-564 Mo.  
*Leonidea* Kll. 00-11<sup>21</sup>  
 (*Leonia* Duges 89-211)<sup>21</sup>  
*anthophoræ* Mickel 28-38 Colo.  
*neomexicana* Kll. 99-416 N.M. Kan.  
*gigantea* Wellm. 11-16<sup>21</sup>

HORIINI<sup>21</sup>

- Cissites* Latr. 04-154<sup>21</sup>  
 (*Horia* Fabr. 87-164, part)<sup>21</sup>  
*auriculata* Champ. 92-372 C.A. Mx. Ar.  
*maculata* || Lec. & Horn 83-417<sup>21</sup>

Meloinæ<sup>21</sup>

## EPICAUTINI

- Epicauta* Redt. 45-621<sup>21</sup>  
 (*Isopentra* Muls. 58-106)<sup>21</sup>  
 (*Apterospasta* Lec. 62-272)<sup>12</sup>  
 (*Macrobasis* Lec. 62-272<sup>21</sup>  
*abadona* Skinner 04-217 Ariz.  
*alastor* Skinner 04-217 Ariz.  
*albida* Say 23-305 Mex. Kan. Colo.  
*luteicornis* Lec. 54-84<sup>21</sup>  
*albolineata* Duges 77-64 Mex. Ariz.  
*duplicata* Csy. 91-172<sup>21</sup>  
*alphonsii* Horn 74-38 Cal.  
*atrovittata* Lec. 54-224 Tex.-Ariz.  
*batesi* Horn 75-153 Ga.  
*borrei* Duges 81-145 Mex. ?U.S.  
*fumosa* || Haag 80-40<sup>21</sup>  
*fumea* Champ. 99-178<sup>21</sup>

<sup>21</sup> Revision of entire family by Denier—35. A few of our species are not mentioned, and the genus *Pyrota* is from Denier—34 where it was more completely treated. Other additions follow this revision.

- callosa* Lec. 66-158 Dak.-Tex.  
*caviceps* Horn 73-99 Ariz.  
*cinerea* Forster 71-62 M.St. Ind. Conn.  
     *imbriata* Thunb. 91-109 <sup>21</sup>  
     *clematidis* Woodh. 00-213 <sup>21</sup>  
     *v.marginata* Fabr. 75-260 <sup>21</sup> Conn. Ind.  
*corvina* Lec. 58-21 Mex. Colo. Ariz.  
     *nigerrima* Duges 70-162 <sup>21</sup>  
*excors* Fall 09-166 L.Cal.  
*fallax* Horn 85-111 Cal.  
*ferruginea* Say 24-298 Can.-N.M. Ariz.  
     *?sartorii* Haag 80-56 <sup>21</sup> Mex.  
*fissilabris* Lec. 50-232 L.Sup. H.B.T.  
*flavocinerea* Blatch. 10-1359 Ind.  
*foxi* VanD. 29-127 Cal.  
*funebri* Horn 73-102 Tex.  
*gissleri* Horn 78-58 N.M.  
*heterodera* Horn 91-43 Fla.  
*immaculata* Say 23-301 Ind.-Col.-Tex.-  
     *articularis* Say 23-301 <sup>21</sup> [Ariz.  
     *fulvescens* Lec. 53-447 <sup>21</sup>  
*impressifrons* VanD. 28-262 Cal.  
*ingrata* Fall 07-258 N.M.  
*insignis* Horn 85-110 Ariz.  
*languida* Horn 95-252 L.Cal.  
*lauta* Horn 85-108 Ariz.  
*lemniscata* Fabr. 01-279 Fla.-Kan.  
     *vittata* Duges 86-582 <sup>21</sup> Mex.  
     *duges* Beaur. 89-cexiii <sup>21</sup>  
*levettei* Csy. 91-171 Colo.  
*linearis* Lec. 58-23 Tex.  
*maculata* Say 23-298 Ill.-Ore.-N.M.  
     *v.conspersa* Lec. 53-340 <sup>21</sup> Mex.  
     *punctuata* Duges 70-161 <sup>21</sup> Cal.  
*maura* Lec. 51-162 Ariz.  
*merkeliana* Horn 91-43 Ariz.  
*nigra* Duges 70-161 Mex. U.S.  
     *?funebri* Horn 73-102 <sup>21</sup>  
     *melanochroa* Wellm. 10-24 <sup>21</sup>  
*nigritarsis* Lec. 53-340 Tex.  
*oblita* Lec. 51-162 Cal. Ore.  
*ochrea* Lec. 53-342 Tex. Ariz.  
     *protarsalis* Duges 77-63 <sup>21</sup> Mex.  
*oregona* Horn 75-153 Ore.  
*pardalis* Lec. 66-157 Ariz. Tex.  
*pedalis* Lec. 66-157 L.Cal. Tex.  
*pennsylvanica* DeG. 75-15 Can.-Car.-  
     *atrata* Fabr. 75-260 <sup>21</sup> [Tex.  
     *nigra* Woodh. 00-213 <sup>21</sup>  
     *coracina* Ill. 04-171 <sup>21</sup>  
     *morio* Lec. 53-447 <sup>21</sup>  
     *potosina* Duges 89-89 <sup>21</sup> Mex.  
*pruinosa* Lec. 66-158 Kan.-Utah  
*puncticollis* Mannh. 43-288 Cal. Or. Ida.  
*purpurea* Horn 85-108 Mex. Ariz.  
     *purpureipennis* Champ. 99-186 <sup>21</sup>  
*rileyi* Horn 74-37 Ariz.  
*ruidosana* Fall 07-258 N.Mex.  
*sanguinicollis* Lec. 53-344 Fla.  
*segmentata* Say 23-303 La.-Ariz. Mont.  
     *valida* Lec. 58-39 <sup>21</sup>  
     *cinctithorax* Duges 89-56 <sup>21</sup> Mex.  
*sericans* Lec. 66-158 Kan.-Ariz. Ore.  
     *immerita* Walk. 66-330 <sup>21</sup>  
*straba* Horn 91-42 Cal.
- strigosa* Gyll. 17-18 Pa.-Fla.  
     *nigricornis* Melsh. 48-53 <sup>21</sup>  
     *ferruginea* Lec. 53-341 <sup>21</sup>  
*stuarti* Lec. 68-54 N.M. Kan. Colo.  
*subglabra* Fall 22-173 Alb. Sask.  
*tenella* Lec. 58-23 Tex. Ariz.  
*tenuelineata* Horn 94-436 L.Cal. Ariz.  
*tenuis* Lec. 53-343 Ga. Fla.  
*torsa* Lec. 53-343 Tex. Mass. Ind.  
*trichrus* Pall. 98-100 Can.-Pa.-Tex.  
     *convolvuli* Melsh. 48-53  
     *trichura* Wellm. 10-24.  
     *v.atrata* Melsh. 47-53 <sup>21</sup>  
*unicolor* Kby. 37-241 Can.-Ga.-Ind.-Ariz.  
     *cinerea* Fabr. 93-119 <sup>21</sup>  
     *fabricii* Lec. 53-343 <sup>21</sup>  
     *?debilis* Lec. 53-344 <sup>21</sup> L.Sup.  
     *?murina* Lec. 53-344 <sup>21</sup>  
*virgulata* Lec. 66-156 L.Cal.  
*vittata* Fabr. 75-260 Can.-Ct.-Ia.  
     *chapmani* Woodh. 00-214 <sup>21</sup>  
*watsoni* Blatch. 18-58 Fla.  
*wheeleri* Ulke 75-812 Ariz.
- Pleuropompha* Lec. 62-273 <sup>21</sup>  
     *costata* Lec. 54-84 Tex.
- Gnathospasta* Horn 75-154 <sup>21</sup>  
     *mimetica* Horn 75-154 Tex.
- Henous* Hald. 52-377 <sup>21</sup>  
     (*Nomaspis* Lec. 66-156 <sup>21</sup>  
*confertus* Say 23-281 Mo. Tex.  
     *techanus* Hald. 52-377 <sup>21</sup>  
*parvulus* Hald. 52-377 Ut. N.M.

LYTTINI <sup>21</sup>

- Lytta* Fabr. 75-260 <sup>21</sup>  
     (*Cantharis* Geoff. 62-339) <sup>21</sup>  
     (*Tetraolitta* Pic 19-3) <sup>21</sup>  
     (*Picella* Denier 34-?) <sup>21</sup>  
*æneipennis* Lec. 51-160 Cal.  
*agrestis* Fall 01-302 Ariz.  
*arborea* Wellm. 12-34 Cal.  
*auriculata* Horn 70-91 Cal. L.Cal.  
*biguttata* Lec. 53-332 Ariz.-Mont.  
     *v.bivirgata* Duges 77-140 <sup>21</sup> Mex.  
     *alfredi* Duges 89-98 <sup>21</sup>  
*blaisdelli* Fall 09-166 Cal.  
*childi* Lec. 57-52 Cal. L.Cal.  
*chloris* Fall 01-303 Cal.  
*compressicornis* Horn 70-91 Cal.  
*convexa* Lec. 53-336 Tex. Colo.  
*cribrata* Lec. 53-447 Tex.  
*crotchi* Horn 74-38 Cal.  
*cyanipennis* Lec. 51-160 Ut.-Or. Can.  
     *salicis* Lec. 51-161 <sup>21</sup>  
*deserticola* Horn 70-90 Ariz. N.M.  
*difficilis* Fall 01-303 Cal.  
*eucera* Chevr. 34-56 Mex. Tex.  
     *spectabilis* Cast. 40-273 <sup>21</sup>  
*fulvipennis* Lec. 53-331 Colo. Tex.  
     *cardinalis* Lec. 53-447 <sup>21</sup>  
*funerea* Fall 01-301 Cal.

- hoppingi* Wellm. 12-35 Cal.  
*incommoda* Horn 83-312 Cal.  
*nunenmacheri* Wellm. 12-36 <sup>21</sup>  
*infidelis* Fall 01-303 Wash.-Cal.  
*insperata* Horn 74-39 Cal.  
*lecontei* Heyden 90-99 Mex. Tex.  
*dichroa* || Lec. 53-332 <sup>21</sup>  
*lugens* Lec. 51-161 Cal.  
*maculicollis* VanD. 29-130 Cal.  
*magister* Horn 70-90 Cal. Ariz.  
*melæna* Lec. 58-76 Ariz. Cal. L.Cal.  
*mœrens* Lec. 51-216 Cal.  
*molesta* Horn 85-111 Cal.  
*morosa* Fall 01-301 Cal.  
*mutilata* Horn 75-155 Mex. Ariz.  
*nigrocyanæa* VanD. 29-129 Colo.  
*nitidicollis* Lec. 51-160 Cal. L.Cal.  
*nuttalli* Say 23-300 Can. Kan. Colo.  
*fulgiferæ* Lec. 49-90 <sup>21</sup> [Mont.  
*occipitalis* Horn 83-312 Cal.  
*pilsbryi* Skinner 06-217 Tex.  
*puberula* Lec. 66-162 Ariz. Colo.  
*variabilis* Horn 85-107 <sup>21</sup> Mex.  
*purpurascens* Fall 01-302 Cal.  
*quadrifasciata* Chev. 34-79 C.A. Tex.  
*rathvoni* Lec. 53-335 Cal.  
*refulgens* Horn 70-91 Cal.  
*reticulata* Say 23-305 Kan. Colo. N.M.  
*sphæricollis* Say 23-299 Kan.-Wash.  
*chalybea* Lec. 51-160 <sup>21</sup>  
*chalybeata* Gemm. 70-124 <sup>21</sup>  
*stolidæ* Fall 01-302 Cal.  
*tenebrosa* Lec. 51-160 Cal.  
*ulkei* Beaur. 89-212 Nev. Cal.  
*lugubris* Ulke 75-812 <sup>21</sup>  
*viridana* Lec. 66-162 Kan.-Man.  
*vulnerata* Lec. 51-159 Cal. Nev. Ore.  
*angulicollis* Duges 89-105 <sup>21</sup> Mex.  
*v. cooperi* Lec. 54-18 <sup>12</sup> Cal.Wash.Ida.
- Tetraonyx* Latr. 05-204 <sup>21</sup>  
*(Jodema* Pasc. 62-57) <sup>21</sup>  
*albipilosa* VanD. 29-127 Tex.  
*dubiosus* Horn 94-440 L.Cal.  
*frontalis* Chev. 33-14 Mex. Tex.  
*v.femoralis* Duges 70-104 <sup>21</sup> [Mex. Ariz.  
*quadrifasciatus* Fabr. 75-50 W.I.  
*ruficollis* Oliv. 95-14 <sup>21</sup> [Fla.-S.C.
- Pyrota* Dej. 33-224 <sup>21</sup> <sup>22</sup>  
*akhurstiana* Horn 91-42 Ariz.N.M.Mex.  
*billineata* Horn 85-115  
     [Colo. Ariz. N.M. Tex.  
*concinna* Csy. 91-174 Tex.  
*dakotana* Wickh. 03-73 S.Dak.  
*discoidea* Lec. 53-338 Tex.  
*dispar* Germ. 24-171 S.A.  
*v.brunneipennis* Denier 34-60 <sup>22</sup>  
*dispar* Germ. 24-171 <sup>22</sup> U.S.  
*divergata* Vill. & Pen. 67-15 Tex. Mex.  
*nigrovittata* Haag 80-51 <sup>22</sup>  
*virgata* Schffr. 05-177 <sup>22</sup>
- engelmanni* Lec. 48-91  
     [Ind. Miss. Tex. N.M.  
*germari* Hald. 43-303 Md.-Ga.  
*mutata* Gemm. 70-124 <sup>22</sup>  
*insulata* Lec. 58-22 Tex. Mex.  
*invita* Horn 85-114 Tex.  
*v.limbalis* Lec. 66-160 <sup>22</sup> Va. Fla.  
*lineata* Oliv. 95-14 Fla.-Tex.  
*mylabrina* Chev. 34-3  
     [Ariz. N.M. Mex.  
*obliquefascia* Schffr. 08-320 Ariz.  
*postica* Lec. 66-160 Tex.-Ariz. Mex.  
*maculata* (Klug) Lac. 59-4 <sup>22</sup>  
*plagiata* Haag 80-49 <sup>22</sup>  
*lacordairei* Berg 81-303 <sup>22</sup>  
*punctata* Csy. 91-173 Tex.-Ariz. Mex.  
*sinuata* Oliv. 95-9 S.C. Fla. La.  
*afzeliana* Fabr. 01-78 <sup>22</sup>  
*tenuicostata* Duges 77-60 Tex. Mex.  
*dubitalis* Horn 85-113 <sup>22</sup>  
*vittigera* || Lec. 58-22 <sup>22</sup>  
*? rufipennis* Cr. 74-114 <sup>22</sup>  
*terminata* Lec. 66-159 Mo.-Ut. L.Cal.  
*trochanterica* Horn 94-439 L.Cal.
- Pomphopœa* Lec. 62-273 <sup>21</sup>  
*ænea* Say 23-301 Pa. Ill. Tex.  
*nigricornis* Lec. 48-90 <sup>21</sup>  
*filiformis* Lec. 48-91 <sup>21</sup>  
*tarsalis* Bland. 64-71 <sup>21</sup>  
*polita* Say 23-302 Fla.-S.C.  
*v.femoralis* Lec. 53-336 <sup>21</sup> Fla. La.  
*pedestris* Harold 70-124 <sup>21</sup>  
*sayi* Lec. 53-336 Can. Ct.-Ill. Tex.  
*ænea* var. Say. 24-228 <sup>21</sup>  
*pyrivoræ* Fitch 56-354 <sup>21</sup>  
*texana* Lec. 66-161 Tex.  
*unguicularis* Lec. 66-160 Ill. Ct.
- Poreospasta* Horn 67-139 <sup>21</sup>  
*polita* Horn 67-139 Cal.  
*sublævis* Horn 67-140 Cal.
- Meloe* Linn. 58-419 <sup>21</sup>
- TREIODONS Duges 70-102 <sup>21</sup>  
*barbarus* Lec. 61-354 Is. off Cal.  
*lævis* Leach 15-249 W.I. C.A. Mex.  
*cordillæræ* Chev. 29-133 [N.M.  
*sublævis* Lec. 54-84 <sup>21</sup> [Ariz.  
*tridentatus* Jimenez 66-225 <sup>21</sup>  
*tucci* Pen. & Barr. 66-11 <sup>21</sup>  
*opacus* Mots. 73-48 <sup>21</sup>
- PROSCARABÆUS Schrank 81-  
     [225 <sup>21</sup>  
*(Cnestocera* Thoms. 59-124) <sup>21</sup>  
*afer* Bland 64-70 Neb.  
*americanus* Leach 15-251 Ga.Ind.Can.  
*s.occidentalis* VanD. 28-422 <sup>21</sup>  
     [Id. Colo. Alb.  
*angusticollis* Say 23-380 Can. Pa. Ind.  
*rugipennis* Lec. 53-328 <sup>21</sup>  
*californicus* VanD. 28-426 Cal. Wash.  
*carbonaceus* Lec. 66-155 Neb.  
*franciscanus* VanD. 28-437 Cal. Nev.

<sup>22</sup> This genus is generally credited to Leconte (1862) but was amply validated by Dejean in 1833.

- impressus* Kby. 37-242 Can. Ind.  
*americanus* Brandt & Er. 32-118<sup>21</sup> Can.  
*v. niger* Kby. 37-241 N.Y.  
*mærens* Lec. 53-328 Mont.  
*montanus* Lec. 66-155 Cal.  
*opacus* Lec. 61-354 Pa.  
*perplexus* Lec. 53-329 Cal.  
*quadricollis* VanD. 28-431 Alas. Cal.  
*strigosus* Mannh. 52-349 Neb.  
*tinctus* Lec. 66-155
- Calospasta* Lec. 62-273<sup>21</sup> L. Cal.  
*decolorata* Horn 94-437 Cal.  
*elegans* Lec. 51-161 Cal.  
*v. humeralis* Horn 70-93<sup>21</sup> Cal.  
*s. perpulchra* Horn 70-92<sup>21</sup> Cal.  
*s. cyanea* VanD. 29-132<sup>21</sup> Cal.  
*fulleri* Horn 78-59 Cal.  
*histrionica* Horn 91-100 Cal.  
*imperialis* Wellman 12-37 Cal.  
*mæsta* Horn 78-59 Cal.  
*morrisoni* Horn 91-102 Cal.  
*nemognathoides* Horn 70-92 Cal. Ariz.  
*schwarzii* Wellman 09-23 Cal.  
*sulcifrons* Champ. 92-394 Mex. Ariz.  
*viridis* Horn 83-312 Colo. N.M.  
*wenzeli* Skinner 04-217 Ariz.
- Pleurospasta* Wellman 09-20<sup>21</sup>  
*mirabilis* Horn 70-121 Ut. Ariz. Cal.
- Phodaga* Lec. 58-76<sup>21</sup>  
*alticeps* Lec. 58-77 Mex. Ariz. Cal.
- Negalius* Csy. 91-175<sup>21</sup>  
*marmoratus* Csy. 91-175 Tex. Ariz.  
 [L. Cal.
- Tegrodera* Lec. 51-159<sup>21</sup> Cal. L. Cal.  
*erosa* Lec. 51-159 Cal. L. Cal.  
*v. extincta* Beaur. 90-493<sup>21</sup> Ariz.  
*v. aloga* Skinner 03-168<sup>21</sup> Ariz.  
*v. inornata* Blais. 18-334<sup>21</sup> Cal.  
*latecincta* Horn 91-44
- Euponapha* Lec. 58-21<sup>21</sup>  
*fissiceps* Lec. 58-21 Tex.
- Brachyspasta* VanD. 28-451<sup>21</sup> Colo.  
*wickbami* VanD. 28-452
- Cordylospasta* Horn 75-152<sup>21</sup> Nev.  
*fulleri* Horn 75-152
- Gynæcomeloe* Wellman 10-217<sup>21</sup>  
*opacus* Horn 68-139 Cal.  
*parvicollis* VanD. 28-450 Cal.
- Cysteodemus* Lec. 51-158<sup>21</sup>  
*armatus* Lec. 51-158 Cal. Ariz.  
*wizlisenoi* Lec. 51-158 Mex. N.M. Ariz.
- Megetra* Lec. 59-127<sup>21</sup>  
*cancellata* Brandt & Er. 32-141 Mex.  
*hoogeii* Duges 59-39<sup>21</sup> [U.S.  
*vittata* Lec. 53-330 Mex. N.M. Ariz.
- Epicauta*  
*elongatocalcarata* Mayd. 34-328 Ida.  
*piceiventris* Mayd. 34-327 Utah  
*rehni* Mayd. 34-329 Ariz.  
*excavatifrons* Mayd. 34-330 Fla.  
*mutchleri* Mayd. 34-331 Ariz.  
*diversipubescens* Mayd. 34-333 N.M.  
*crassitarsis* Mayd. 35-72 Ariz.
- Macrobasis*  
*hirsutipubescens* Mayd. 34-334 Ariz.  
*maculifera* Mayd. 34-335 Ariz.

## PYTHIDÆ

- Cariderus* Muls. 59-46<sup>21</sup>  
 (*Rhinosimus* Latr. 02-192)<sup>22</sup>
- Mycterus* Clairv. 98-125<sup>21</sup>  
*canescens* Horn 79-336 Cal. Ore.  
*elongata* Hopping 35-77 Cal.  
*concolor* Lec. 53-235  
 [Cal.-B.C. Colo. N.M.  
*scaber* Hald. 43-303 Mass.-Va.  
*quadricollis* Horn 74-142 Cal. N.M.

## PYROCHROIDÆ

- Ischalia* Pasc. 60-54  
*EUPLEURIDA* Lec. 73-335<sup>22</sup>  
*californica* VanD. 38-192 Cal.

## ANTHICIDÆ

- Notoxus*  
*visaliensis* Blais. 36-144 Cal.  
*sparsus* Lec. 59-284<sup>26</sup> Cal. Ariz.  
*conformis* Lec. 51-152<sup>26</sup> Cal.  
*obesulus* Blais. 36-146 B.C.

## CEBRIONIDÆ

- Cebrio*  
*convexifrons* Knull 35-189 Okla.

<sup>21</sup> Hopping—35.<sup>22</sup> Transferred from Melandryidæ, Hopping—35.<sup>23</sup> Van Dyke—38.<sup>24</sup> Valid species, Blaisdell—36.

PLASTOCERIDÆ<sup>27</sup>

## Plastocerus

- maclayi Sloop 35-17 Cal.  
pullus Sloop 35-18 Cal.

## Euthysanius

- brevis Sloop 35-19 Cal.

## ELATERIDÆ

## Adelocera

- mexicana Cand. 57-70<sup>1</sup> Fla. Mex.  
nobilis Fall 32-58<sup>1</sup> Ariz.  
mexicana of Lec.<sup>1</sup>

## Conoderus Esch. 29-31

(*Monocrepidius* Esch. 29-31)<sup>2</sup>

HETERODERES Latr. 34-155<sup>1</sup>

- suturalis Lec. 53-482<sup>1</sup> Ala. Ind.  
fuscus Blatch. 25-163 Fla. Ga.  
fuscus of VanDyke<sup>1</sup>  
planidiscus Fall 29-56<sup>1</sup>

\* \* \*

- exsul Shp. 77-470<sup>3</sup> N.Zeal. Hawaii, Cal.  
rudis Brown 33-174 Ala.  
browni Knoll 38-19 Tex.  
perversus Brown 33-173 Fla.

## Aeolus

- melillus Say<sup>4</sup> Ind. Ariz.  
elegans of authors<sup>4</sup>  
dorsalis || Say 23-167<sup>4</sup>  
s. comis Lec. 53-484<sup>4</sup> B.C. Alb.  
s. marginicollis Horn 71-308<sup>4</sup>  
[Sask. Man. Ore.  
(*elegans* Fabr., not North American)<sup>4</sup>  
(*circumscriptus* Germ., not N. Amer.)<sup>4</sup>

## Limonius

- canus Lec. 53-433 (Pheletus)<sup>1</sup> Cal.  
discoideus Lec. 61-348<sup>1</sup>  
[Wash. Cal. Rky.Mts.  
ovatus Knoll 34-9 Cal.  
griseus Beauv. 05-214<sup>4</sup> Ct.-Ind. Ont.  
interstitialis Melsh. 46-215<sup>4</sup>  
rudis Brown 33-175 Ont. Ind.  
rectangularis Fall 34-30 Tex.  
flavomarginatus Knoll 38-20 Ohio  
pilosulus Cand. 91-149<sup>5</sup> Cal.  
pilosus || Lec. 53-432<sup>1</sup>  
æger Lec. 53-431 N.B.-Alb.-Pa.  
knilli Fall 33-229<sup>1</sup>

- basilaris Say 23-172 E.U.S. Fla. Mo.  
v.semianeus Lec. 53-432<sup>1</sup> Ga. Fla.  
insperatus Brown 33-175 Cal.  
sinuifrons Fall 07-227 N.Mex.  
ovatus Knoll 34-9<sup>1</sup>  
ectypus Say 39-167<sup>5</sup> Pa. Me.  
agonus Say 39-171<sup>5</sup> Pa.

## Elathous

- brevicornis Fall 34-30 Cal.  
brunneilus Fall 34-31 Cal.

## Athous

- rufiventris Esch. 22-71  
ferruginosus Esch. 29-33<sup>6</sup>  
paradisus Knoll 34-10 Ariz.

## Ludius

- ochreipennis Lec. 63-85<sup>7</sup>  
[B.C. Y.T. N.W.T.  
watsoni Brown 36-179<sup>7</sup> Que.  
hoppingi VanD. 33-434<sup>7</sup>  
[B.C. Wash. Y.T.  
bipunctatus Brown 36-180<sup>7</sup> B.C. Alb.  
exclamationis Fall 10-135<sup>7</sup> Cal.  
hieroglyphicus Say 39-172<sup>7</sup> N.H.-Pa.-  
bicinctus Cand.<sup>7</sup> [Que.-Man.  
ctenicerus G. & H. 69-1577<sup>7</sup>  
pudicus Brown 36-183<sup>7</sup> B.C. Alb.  
propola Lec. 53-437<sup>7</sup>  
s.propola (s.str.)<sup>7</sup> N.S.-L.Sup.  
furcifer Lec. 53-438<sup>7</sup>  
s.columbianus Brown 36-185<sup>7</sup> B.C.  
pallidipes Brown 36-185<sup>7</sup> Cal.  
californicus Brown 36-186<sup>7</sup> Cal.  
nubilis || Lec. 53-438<sup>7</sup>  
candidus Brown 36-186<sup>7</sup> Cal.

\* \* \*

- cribrosus Lec. 53-443<sup>8</sup> Cal.  
colossus Lec. 61-348<sup>8</sup> Cal.  
maurus Lec. 53-444<sup>8</sup> Cal.-B.C.  
æthiops Hbst. 06-70<sup>8</sup> Md. Tenn.  
nigrans Cast. 40-241<sup>8</sup>  
depressus G. & H. 69-1574<sup>8</sup>  
?signaticollis Melsh. 46-216<sup>8</sup>  
?subcanaliculatus Mots. 59-375<sup>8</sup>  
?rufipes Mots. 59-377<sup>8</sup>

\* \* \*

- spinosus Lec. 53-447<sup>9</sup> Newf.-Ont.  
stricklandi Brown 35-219<sup>9</sup> Ont.-Alb.  
crestonsensis Brown 35-219<sup>9</sup> B.C. Ida.  
umbicola Esch. 29-34<sup>9</sup> Alas. B.C.  
rudis Mots. 59-376<sup>9</sup>  
varius Brown 35-220<sup>9</sup> Wash.  
volitans Esch. 29-34<sup>9</sup> Alas. B.C.  
vulneratus Lec. 63-86<sup>9</sup> N.S.-N.C.

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<sup>27</sup> Reduced to subfamily of Elateridæ by Sloop—35.

<sup>1</sup> Fall—34.

<sup>2</sup> Used as valid by Fall—34.

<sup>3</sup> Graves—38.

<sup>4</sup> Brown—33.

<sup>5</sup> As distinct species, Fall—34.

<sup>6</sup> Van Dyke in litt.

<sup>7</sup> Revision of propola-group, Brown—36.

<sup>8</sup> Revision of cribrosus-group, Brown—35.

<sup>9</sup> Revision of the volitans-group, Brown—35.

27. *var. species*, Fall—34.

**Hypnoidus**

CRYPTOHYPNUS Esch. 36-105  
valens Fall 34-18 Cal.

\* \* \*

manki Fall 34-19 Mont.

**Dalopius** Esch. 29-34<sup>24</sup>

\* (*Dolopius* of authors)<sup>25</sup>

virginicus Brown 34-38 W.Va.  
cognatus Brown 34-38 N.S.-Ont.-W.Va.  
vagus Brown 34-66 N.B.-Man.-W.Va.  
insolitus Brown 34-67 Ont. Que.  
fuscipes Brown 34-68 Que.  
pennsylvanicus Brown 34-68 Pa.  
vernus Brown 34-69 Que.-Man.  
brevicornis Brown 34-69 Que. Ont.  
agnellus Brown 34-70 Que. N.B.  
gentilis Brown 34-71 Ont. Que.  
parvulus Brown 34-71 Sask. Man.  
pallidus Brown 34-87 N.B.-Alb.  
gartrelli Brown 34-89 B.C.  
luteolus Brown 34-89 Cal.  
corvinus Brown 34-90 B.C.  
usitatus Brown 34-90 Cal.  
insolens Brown 34-91 B.C.  
asellus Brown 34-91 B.C. Alb.  
jucundus Brown 34-92 Cal.  
gracilis Brown 34-92 Cal.  
tularensis Brown 34-93 Cal.  
dentatus Brown 34-94 Cal.  
inordinatus Brown 34-94 Alb.  
mirabilis Brown 34-95 Que.-Alb.  
plutonicus Brown 34-95 Cal.  
incomptus Brown 34-96 Cal.  
lutulentus Brown 34-96 Cal.  
validus Brown 34-102 Cal.  
spretus Brown 34-103 B.C.  
vetulus Brown 34-103 Cal.  
partitus Brown 34-104 Cal.  
effetus Brown 34-104 Cal.  
suspectus Brown 34-104 B.C.  
fucatus Brown 34-105 Alb. B.C.  
tristis Brown 34-105 B.C.  
manipularis Brown 34-107 Cal.  
ignobilis Brown 34-107 Cal.  
improvidus Brown 34-108 Cal.  
insulanus Brown 34-108 B.C.  
invidiosus Brown 34-109 Cal.  
maritimus Brown 34-109 B.C.  
mutabilis Brown 34-110 Cal.  
?californicus Mann. 43-243<sup>24</sup> Cal.  
    *lateralis* || Esch. 29-34<sup>24</sup>  
    *pauperatus* Cand. 63-434 (Sericoso-  
    [*mus*]<sup>26</sup>  
?sellatus Mannh. 52-328<sup>24</sup> Alaska  
?pauper Lec. 53-458<sup>24</sup> Atl. N.A.  
?subustus Lec. 53-458<sup>24</sup> Cal.  
?macer Lec. 57-47 (Agriotes)<sup>24</sup> Ore.  
?simplex Mots. 59-378<sup>24</sup> Cal.  
?sericatus Mots. 59-379<sup>24</sup> Cal.  
?nevadensis Lec. 84-17 (Agriotes)<sup>24</sup>

**Agriotes**

tardus Brown 33-177 Alb. B.C.  
quebecensis Brown 33-177 N.C.-Ont. Me.  
opaculus Lec. 59-85 Cal. Id. Wyo.  
    *montanus* Lec. 84-18<sup>15</sup>  
arcanus Brown 33-178<sup>25 26</sup>  
isabellinus Melsh. 46-218<sup>25</sup> Pa.  
oblongicollis Melsh. 46-218<sup>25</sup> M.St. Ct.  
[Ind.]

**Agriotella** Brown 33-179

bigeminata Rand. 38-37<sup>27</sup> N.S.-Ont.-  
[Mass.]  
occidentalis Brown 33-180 B.C. Alb.  
californica Schffr. 17-42<sup>27</sup> Cal.  
columbiana Brown 33-182 B.C. Cal.

**Drasterius**<sup>28</sup>

dorsalis Say 23-167<sup>28</sup> N.A.  
comis Lec. 53-484<sup>28</sup> N.A.  
livens Lec. 53-484<sup>28</sup> Cal. Mex.  
amabilis Lec. 53-485<sup>28</sup> M.St. S.St.  
    *fretus* Csy. 85-171<sup>28</sup>  
nigriventris Schffr. 17-41<sup>28</sup> Tex.  
scutellatus Schffr. 17-41<sup>28</sup> Tex.  
debilis Lec. 78-405 Fla.  
    *incongruus* Fall 34-12<sup>29</sup> Que.

**Ampedus** Germ. 44-153

(*Elater* of authors)<sup>30</sup>  
obscurus Knull 38-97 Nev.  
varipilis VanD. 32-306 Cal.  
    *s.columbianus* Brown 33-136 B.C.  
[VanId.]  
quebecensis Brown 33-137 Que.  
evansi Brown 33-137 N.B.-Ont.  
areolatus Say 23-167 Ont.  
    *pusio* Germ. (not Lec. or Cand.)<sup>31</sup>  
luteolus Lec. 53-471 Ont. N.C.  
    *pusio* Lec. and Cand. (*Elater*)<sup>31</sup>  
melanotoides Brown 33-134 Ont. Pa.  
laurentinus Brown 33-135 Que. Ont.

**Blauta**

falli Brown 36-251 Fla.

**Megapenthes**

solitarius Fall 34-15<sup>32</sup> N.Y.  
granulosus Melsh. 44-159<sup>33</sup> Fla.-Conn.  
(*sturmii* Germ., not North American)<sup>29</sup>  
dolosus Brown 33-140 Cal.  
stigmus Lec. 53-472<sup>31</sup> N.B.-B.C.  
caprella Lec. 57-47<sup>31</sup> Ore. B.C.  
    *s.californicus* Brown 33-140 Cal.

<sup>25</sup> Valid species, Brown—36.

<sup>26</sup> As synonym of *isabellinus*, Fall—34.

<sup>27</sup> Transferred to new genus from *Betarmon*, Brown—33.

<sup>28</sup> These species belong here with some others, Fall—34.

<sup>29</sup> Fall—34.

<sup>30</sup> Implied by Knull 38 and Brown 33.

<sup>31</sup> Brown—33.

<sup>32</sup> Neither this species, *lepidus* Lec. *tarsalis* Schffr., nor *illinoensis* VanD. belong in this genus, Fall—34.

<sup>33</sup> Valid species, Fall 34.

<sup>24</sup> Revision of genus, Brown—34.

**Anchastus**

<i>fumicollis</i> Fall 34-17	Fla.
<i>longulus</i> Lec. 78-404 <sup>33</sup>	Fla.
<i>uniquus</i> Knull 38-98	Tex.
<i>subdepressus</i> Fall 34-18	Ariz.

**Melanotus** <sup>34</sup>

<i>longulus</i> Lec. 53-473 <sup>34</sup>	Cal.
<i>oregonensis</i> Lec. 53-480 <sup>34</sup>	Cal.-B.C.-Ut.
<i>franciscanus</i> VanD. 32-332 <sup>34</sup>	Cal.
<i>variolatus</i> Lec. 61-377 <sup>34</sup>	Cal.

**Horistonotus**

<i>pallidus</i> Fall 34-21	Cal.
<i>fidelis</i> Fall 34-21	Cal. Nev.
<i>s.fuscus</i> Fall 34-22	Ariz.

**Esthesopus**

<i>flavidus</i> Fall 01-240 ( <i>Horistonotus</i> ) <sup>39</sup>	[Cal.
<i>indistinctus</i> Fall 34-23	Cal.

**MELASIDÆ****Melasis**

<i>rufipalpis</i> Chevr. 35-193 <sup>35</sup>	Guat. Mex.
	[Ariz.

**BUPRESTIDÆ****Chrysophana**

<i>placida</i>	
<i>a.cœrulans</i> Obenb. 24-100 <sup>1,2</sup>	
<i>v.strandi</i> Obenb. 36-106	Cal.
<i>v.cupriola</i> VanD. 37-105	Cal.
<i>s.conicola</i> VanD. 37-105	Cal.

**Polycesta** Sol. (for 32-281 read 33-281)<sup>4</sup>

* 9306, for 78-144 read 85-144 <sup>4</sup>	
<i>angulosa</i> Duval 57-62 <sup>3</sup>	Fla. Ala.
<i>obtusa</i> Lec. 58-68 <sup>3</sup>	
<i>velasco</i> Gory 38-5 <sup>3</sup>	Tex.-Cal. L. Cal.
	[Mex.
<i>arizonica</i> Schffr. 06-21 <sup>3</sup>	Cal.-Ariz.
<i>clata</i> Lec. 58-68 <sup>3</sup>	Tex.
<i>?cavata</i> Lec. 58-68 <sup>3</sup>	?Ala.
<i>cyaneus</i> Chamb. 33-41 <sup>3</sup>	Cal.
<i>tularensis</i> Chamb. 38-445	Cal.
<i>californica</i> Lec. 57-45 <sup>3</sup>	Cal. Ore.
<i>cribrata</i> Mots. 59-182 <sup>3</sup>	
<i>bernardensis</i> Obenb. 24-35 <sup>3</sup>	

**Acmæodera**

<i>resplendens</i> VanD. 37-106	Ariz.
<i>delumbis</i> Horn 94-378 <sup>5</sup>	
<i>robusta</i>	
<i>s.duboisii</i> Cazier 38-138	Cal.

<sup>1</sup> Fall—34.<sup>2</sup> Valid species, Fall—34.<sup>34</sup> Revision of California species, Fall—34.<sup>35</sup> Fall—32.<sup>3</sup> Obenberger—36.<sup>4</sup> Van Dyke—37.<sup>5</sup> Revision of genus, Chamberlin—33.<sup>6</sup> Chamberlin in litt.<sup>7</sup> Valid species or variety, Duncan—34.

<i>uvaldensis</i> Knull 36-73	Tex.
<i>yumæ</i> Knull 37-301	Ariz.
<i>adenostomæ</i> Cazier 38-137	Cal.
<i>nigrovittata</i> VanD. 34-61 <sup>6</sup>	Cal.
<i>simulata</i> VanD. 37-108	Cal.
<i>mariposa</i>	
<i>s.bernardino</i> VanD. 37-109	Cal.
<i>papagonis</i> Duncan 34-231	Ariz.
<i>vanduzeei</i> VanD. 34-64	L. Cal.
<i>varipilis</i> VanD. 34-62	G. of Cal. Tex.
	[Ariz.
<i>vulturei</i> Knull 38-228	Cal.
<i>constricticollis</i> Knull 37-301	Ariz.
<i>biedermanni</i> Skinner 03-239 <sup>7</sup>	Ariz.
<i>lineipicta</i> Fall 31-81 <sup>7,8</sup>	Ariz.
<i>sabinæ</i> Knull 37-15	Ariz.
<i>rossi</i> Cazier 37-115	Cal.
<i>humeralis</i> Cazier 38-12	Cal.
<i>jaguarina</i> Knull 38-135	Ariz.
<i>mimicata</i> Knull 38-136	Ariz.

**Tyndaris**

* <i>balli</i> Knull 37-302	Ariz.
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**Paratyndaris** Fisher 19-92 <sup>9</sup>

* ( <i>Tyndaris</i> of authors) <sup>10</sup>	
<i>anomalis</i> Knull 37-252 <sup>9</sup>	Nev.
<i>tucsoni</i> Knull 38-21	Ariz.
<i>albofasciata</i> Knull 37-253 <sup>9</sup>	Ariz.
<i>barberi</i> Skinn. 03-238 <sup>9</sup>	Nev. Ariz.
<i>cincta</i> Horn 85-147 <sup>9</sup>	Tex.
<i>acaciæ</i> Knull 37-254 <sup>9</sup>	Tex. N.M.
<i>olneyæ</i> Skinn. 03-236 <sup>9</sup>	Nev. Ariz.
<i>prosopis</i> Skinn. 03-237 <sup>9</sup>	Tex.
<i>coursetiæ</i> Fisher 19-93 <sup>9</sup>	Ariz.
<i>quadrinotata</i> Knull 38-22	Ariz.
<i>chamæleonis</i> Skinn. 03-237 <sup>9</sup>	Tex.
<i>suturalis</i> Fall 34-193 <sup>9</sup>	Fla.

**Thrincopyge**

<i>alacris</i>	
<i>v.strandi</i> Obenb. 36-104	Tex.

**Agæocera**

<i>gigas</i> Cast. & Gory 39-2 <sup>11</sup>	Mex. Ariz.
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**Hippomelas**

<i>pacifica</i> Chamb. 38-446	Cal.
9313, for 76-288 read 83-288 <sup>4</sup>	

**Texania**

<i>strandi</i> Obenb. 36-109	U.S.A. <sup>12</sup>
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**Psiloptera**

<i>riograndei</i> Knull 37-16	Tex.
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<sup>6</sup> Possibly a synonym of *lineipicta*, Fall—34.<sup>7</sup> Cited as distinct species, Fall in litt.<sup>8</sup> Listed as a synonym of *biedermanni*, Van Dyke—34.<sup>9</sup> Revision of genus, Knull—37.<sup>10</sup> Obenberger—Col. Cat. p. 84.<sup>11</sup> Fall—34.<sup>12</sup> "U.S.A.: Fort Madison." Obenberger—36.



**Dicerca**

- 9333, for 23-13 read 23-163<sup>4</sup>  
*hesperoborealis* Hatch & Beer 38-151 [Wash.  
*tenebrica* Kby. 37-155  
*prolongata* Lec. 59-194<sup>8</sup>  
*sexualis* Cr. 73-87 Cal.-Wash.  
*californica* Cr. 73-87<sup>8 13</sup>  
*obscura* Fab. 81-274  
*mutica* Lec. 59-196<sup>8</sup>

**Hesperorhipis**

- (*Hesperorhipis* of 2nd suppl. p. 29)<sup>14</sup>  
*mirabilis* Knull 37-303 Ariz.  
*hyperbolus* Knull 38-137 Ariz.

**Buprestis**

- intricata* Csy. 09-118<sup>15</sup> Cal.  
*maculativentris* Say. 24-272  
*v.subornata* Lec. 59-208<sup>16</sup>  
*rusticorum* Kby. 37-151<sup>15</sup> B.C.-Cal.-Ar.  
*nuttalli* Kby. 37-152  
*alternans* Lec. 59-207<sup>18</sup>  
*consularis* Gory 40-120<sup>18</sup>  
*langi* Mannh. 43-237<sup>15</sup> Alas.-Ore.  
*murrayanæ* R.Hopp. 34-174  
*contortæ* || R.Hopp. 33-84<sup>16 17</sup>

**Xenorhipis**

- osborni* Knull 36-73 Tex.

**Melanophila** Esch. 29-9<sup>18</sup>\* **MELANOPHILA** (s.str.)<sup>18</sup>

- consputa* Lec. 57-44<sup>16</sup> Cal. Ariz.  
*monochroa* Obenb. 28-209<sup>18</sup>  
*isolata* Obenb. 28-209<sup>16</sup>  
*notata* Cast. 27-4<sup>15</sup> Fla.-Mex.-M.St.  
*luteosignata* Mannh. 37-70<sup>18</sup> [Cuba  
*s.elegans* Sloop 37-7 Ariz.  
*opaca* Lec. 59-213<sup>15</sup> Fla. Ga.  
*notata* Cr. 73-89<sup>16</sup>  
*acuminata* DeG. 74-133<sup>18</sup> No.Holarctic  
*acuta* Gmel. 88-1939<sup>15</sup>  
*morio* Fabr. 92-210<sup>16</sup>  
*appendiculata* Fabr. 92-210<sup>18</sup>  
*pecchiolii* Cast. & Gory. 37-33<sup>15</sup>  
*longipes* Say 23-164<sup>16</sup>  
*immaculata* Mannh. 37-70<sup>15</sup>  
*occidentalis* Obenb. 28-209<sup>18</sup> Cal.  
*atropurpurea* Say 36-213<sup>16</sup> Ariz.-Ut.-  
 [Ark.]

**PHÆNOPS** Lac. 57-47<sup>15</sup>

- obtusa* Horn 82-106<sup>15</sup> Ga.  
*intrusa* Horn 82-105<sup>16</sup> Pac.Cst.  
*æneola* Melsh. 46-146<sup>15</sup> E.&M.&S.Sts.  
*metallica* Melsh. 46-146<sup>15</sup>  
*carolina* Manee 13-164<sup>15</sup> N.C.

- drummondi* Kby. 37-159<sup>16</sup> Cal.-Wash.  
*v.abies* Champl. & Kn. 23-105 N.B.<sup>18</sup>  
*abietis* Obenb. 30-441<sup>15</sup>  
*gentilis* Lec. 63-42<sup>16</sup> Pac.Cst.  
*prasina* Lec. 60-254<sup>15</sup>  
*pini-edulis* Burke 08-117<sup>18</sup> Colo. Ut.  
 [Ariz.]  
*fulvoguttata* Harris 29-2<sup>16</sup> N.E.N.A.  
*octospilota* Cast. & Gory 37-4<sup>18</sup>  
*croceosignata* Cast. & Gory 37-5<sup>15</sup>  
*decolorata* Cast. & Gory 37-5<sup>18</sup>  
*guttulata* Hamilt. 89-138<sup>18</sup>  
*cauta* Dej. 33-89<sup>15</sup>  
*drummondi* Kby. 37-159<sup>15</sup> Ore.-Ariz.  
*umbellatarum* Kby. 37-159<sup>15</sup>  
*guttulata* Mannh. 53-221<sup>16</sup>  
*a.tristicula* Obenb. 28-209<sup>18</sup>  
*?lecontei* Obenb. 28-210<sup>15</sup> Cal.  
*arcuata* Fall 31-83<sup>16</sup> Ariz.

**XENOMELANOPHILA** Sloop

- miranda* Lec. 54-83<sup>16</sup> [37-18  
 N.Mex.]

**Anthaxia**

- viridifrons*  
*californica* VanD. 18-54<sup>16</sup> Cal.  
*a.basicyanea* Obenb. 36-134 N.J. Pa.  
*a.embrikaria* Obenb. 36-134 Can.-  
 [N.J.-Ind.]  
*vandykeana* Obenb. 36-135 Cal.  
*embrik-strandella* Obenb. 36-135 Cal.  
*serripennis* Obenb. 36-135 Iowa  
*quercata*  
*a.floridana* Obenb. 36-134 Fla.  
*cyanella*  
*a.rossi* Obenb. 36-134 Ky. Pa.

**Chrysobothris**

- atrifasciata* Lec. 73-332  
*atrofasciata* of Leng Cat. p. 182<sup>19</sup>  
*platti* Cazier 38-14 Cal.  
*alleni* Cazier 38-15 Ariz.  
*schæfferi* Obenb. 34-649 L.Cal.  
*thoracica* || Schffr. 05-128<sup>20</sup>  
*scotti* Chamb. 38-11 N.Mex.  
*chiricahuæ* Knull 37-37 Ariz.  
*kelloggi* Knull 37-36 N.Mex.  
*iris* VanD. 37-110 Utah  
*grandis* Chamb. 38-14 Ore.  
*parapiuta* Knull 38-138 Ariz.  
*arizonica* Chamb. 38-13 Ariz.  
*oregona* Chamb. 34-38 Ore.  
*grindeliæ* VanD. 37-111 Cal.  
*canadensis* Chamb. 34-37 Alb. Ore.  
*cupreohumeralis* VanD. 34-65 Tex.  
*boharti* VanD. 34-89 Cal.  
*acaciæ* Knull 36-105 Tex.  
 9472, for 86-108 read 86-101<sup>19</sup>  
*bisinuata* Chamb. 38-13 Cal.  
*calcarata* Chamb. 38-12 Ariz.  
*planomarginata* Chamb. 33-10 Ore.  
*Knowltonia* Fisher 35-117<sup>21</sup>

- \* *biramosa* Fisher 35-118 Utah

<sup>13</sup> This synonymy conflicts with that given by Obenberger—Col. Cat. p. 111.

<sup>14</sup> Fall in litt.

<sup>15</sup> Distinct species, R.Hopping—33.

<sup>16</sup> R.Hopping—33.

<sup>17</sup> Casey's name was spelled *contorta* and might therefore be considered not to invalidate *contortæ* of Hopping.

<sup>18</sup> Revision of genus, Sloop—37.

<sup>19</sup> Chamberlin in litt.

<sup>20</sup> Obenberger—34.

<sup>21</sup> Considered a synonym of *Chrysobothris* by Cazier—38.

- Engyaulus* Waterh. 89-50  
 \* *pulchellus* Bland 65-382 Colo. Ariz.  
*pinalicus* Wickh. 03-69 <sup>22</sup> [N.M.]

**Agrilus**

- santaritæ* Knull 37-39 Ariz.  
*arizonicus* Obenb. 36-139 Ariz.  
*strigicollis* Fall 12-41 <sup>1</sup>  
*sapindi* Knull 38-139 Tex.  
*shoemakeri* Knull 38-99 Ariz.  
*parkeri* Knull 35-189 Ariz.  
*neabditus* Knull 35-190 Ariz.  
*exhaucitucus* Knull 37-305 Ariz.  
*apachei* Knull 38-139 Ariz.  
9542, for 25-241 read 25-251 <sup>19</sup>  
*cercidii* Knull 37-304 Ariz.  
*esperanza* Knull 35-96 Tex.  
*arizonus* Knull 34-11 Ariz.  
*osburni* Knull 37-38 Ohio  
*viridescens* Knull 35-97 Tex.  
*parapubescens* Knull 34-68 Ariz.  
*wenzeli* Knull 34-333 Ariz.  
*rubicola* Abeille 97-4 <sup>23</sup> Eur. E.N.A.  
*viridis* of authors <sup>23</sup>  
*proximus* Rey 91-19 <sup>23</sup>  
*obtusus* Abeille 97-5 <sup>23</sup>  
*antiquus* Gavoy 26-15 <sup>23</sup>  
*chrysodæres* Bedel 21-204 <sup>23</sup>  
*fagi* Glover 78-A33 <sup>23</sup>  
*politus* Weiss 14-438 <sup>23</sup>  
*v. communis* Obenb. 24-41 <sup>23</sup> Eur.  
[E.N.A.]  
*neoprosopidus* Knull 38-99 Tex.  
*cavifrons* Waterh. 89-189 <sup>24</sup> Mex. Ariz.

**Paragrilus** Saund. 71-127 <sup>25</sup>

- (*Clinocera* Deyr. 64-116) <sup>27</sup>  
(*Rhagoecis* Lec. 63-82, part) <sup>28</sup>  
*lesueuri* Waterh. 89-126 <sup>28</sup> S.A. C.A.  
[?Ariz.]  
*tenuis* Lec. 63-82 N.Y.-Fla.-Ill.  
*texanus* Schffr. 04-211 <sup>28</sup> Tex.

**Taphrocerus** Sol. 33-314 <sup>26</sup>

- \* *howardi* Obenb. 34-42 Fla.  
*gracilis* Say 25-253 <sup>26</sup> E.U.S.-Ia.-Ariz.  
*alboguttatus* Mannh. 37-120 <sup>26</sup>  
*cylindricollis* Kerr 96-312 <sup>26</sup>  
*texanus* Kerr. 96-312 <sup>26</sup>  
*nicolayi* Obenb. 24-55 <sup>26</sup> N.Y. Mass.  
*albonotatus* Elatch. 19-29 <sup>26</sup> Fla.-N.C.  
*floridanus* Obenb. 34-48 Fla.  
*lævicollis* Lec. 78-403 <sup>26</sup> Fla. Ala.  
*agriloides* Cr. 73-96 <sup>26</sup> Fla.-Tex.  
*puncticollis* Schw. 78-363 <sup>26</sup> Fla. Ala.

**Mastogenius**

- subcyaneus*  
*s. crenulatus* Knull 34-334 N.J.-Fla.-  
[La.]

**DRYOPOIDEA** <sup>1</sup>**LIMNICHIDÆ** <sup>1</sup>**Limnichinæ** <sup>1</sup>Limnichites <sup>1</sup>Lutrochus <sup>1</sup>**Cephalobyrrhinæ** <sup>1</sup>Throscinus <sup>1</sup>**DRYOPIDÆ** <sup>1</sup>**Dryopinæ** (*Pelonominæ*) <sup>1</sup>Pelonomus <sup>1</sup>Oberonus <sup>1</sup>Dryops <sup>1</sup>Helichus Er. 47-510 <sup>1, 2</sup>(*Dryops* of Leach 17-88) <sup>2</sup>(*Parygrus* Er. 47-510) <sup>2</sup>(*Pachyparnus* Fairm. 88-338) <sup>3</sup>*productus* Lec. 52-43 <sup>2</sup> Cal.*immsi* Hntn. 37-318 Cal. Ariz. Tex.*propinquus* Hntn. 35-68 L. Cal.*confluentus* Hntn. 35-71 <sup>2</sup> Ga.-Ariz.*longulus* Musg. MS <sup>2</sup>*lithophilus* Germ. 24-88 <sup>2</sup> Can.-Fla.-Ia.*basalis* Lec. 52-43 <sup>2</sup> Mass.-Ga.*fagi* Musg. MS <sup>2</sup>*fastigiatus* Say 24-275 <sup>2</sup> Mass.-Fla.-Kan.*striatus* Lec. 52-43 <sup>2</sup> Que.-Cal.-B.C.*v. foveatus* Lec. 52-43 <sup>2</sup>*columbianus* Brown 31-118 <sup>2</sup>*triangularis* Musg. 35-143 <sup>2</sup> Ariz. Tex.*suturalis* Lec. 52-43 <sup>2</sup> Cal. C.A.*gilensis* Lec. 52-43 <sup>2, 4</sup>*aqualis* Lec. 54-81 <sup>2, 4</sup>

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*elmoides* Shp. 82-121 <sup>4</sup>

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*puncticollis* Shp. 82-121 <sup>5</sup> Ariz. ?C.A.**PSEPHENIDÆ** <sup>1</sup>**Psepheninæ** <sup>1</sup>**Psephenus** <sup>1</sup><sup>1</sup> Obenberger—36.<sup>19</sup> Chamberlin in litt.<sup>22</sup> Obenberger—35.<sup>23</sup> Obenberger—Col. Cat. p. 152.<sup>24</sup> Knull—37.<sup>25</sup> Revision of the genus, Obenberger—35.<sup>26</sup> Revision of genus, Obenberger—34.<sup>1</sup> Notes on relationships of families, subfamilies, and genera, Hinton—39.<sup>2</sup> Revision of genus, Musgrave—35.<sup>3</sup> Hinton—36.<sup>4</sup> Hinton—37.<sup>5</sup> Hinton—34.

**Eubrianacinæ**<sup>1</sup>**Eubrianax**<sup>1</sup>**ELMIDÆ (Helmidae)**<sup>1</sup>**Larinæ**<sup>1</sup>**Lara**<sup>1</sup>**Phanocerus**<sup>1</sup>**Elminæ**<sup>1</sup>**ELMINI**<sup>1</sup>**Elsianus**<sup>1</sup>**Stenelmis** Duf. 35-158<sup>c</sup>

- nubifera Fall 01-238 Cal. Ore. Wash.  
 sexlineata Sandn. 38-663 Kan. Tex.  
 crenata Say 24-275 N.B.-Ala.-Tex.  
   *sordida* Mots. 59-51<sup>c</sup>  
 exigua Sandn. 38-669 Ark.  
 beameri Sandn. 38-671 Mo. Ark.  
 lateralis Sandn. 38-672 Pa.-Va.-Ark.  
 concinna Sandn. 38-674 Que.-N.C.  
 tarsalis Sandn. 38-675 Ont.-W.Va.-Okla.  
 knobeli Sandn. 38-677 Ark.  
 bicarinata Lec. 52-44 Vt.-Tex.  
 exilis Sandn. 38-680 Ark.  
 mera Sandn. 38-682 Que.-N.C.-Ark.  
 douglasensis Sandn. 38-685 Mich.  
 grossa Sandn. 38-686 Miss. La. Ark.  
 parva Sandn. 38-688 Okla. Tex.  
 fuscata Blatch. 25-164 Fla.  
 hungerfordi Sandn. 38-690 Fla.  
 humerosa Mots. 59-50 Mass.-S.C. Tenn.  
   *linearis* Zimm. 69-259<sup>c</sup>  
 mirabilis Sandn. 38-693 Conn. N.C. S.C.  
 antennalis Sandn. 38-695 Fla. Ala. Miss.  
 quadrimaculata Horn 70-40 Que.-D.C.-  
   *sulcatus* Blatch. 10-681<sup>c</sup> [Mich.  
   *blatchleyi* Musg. 33-57<sup>c</sup>  
 musgravei Sandn. 38-698 N.Y.-Va.-Mo.  
 sinuata Lec. 52-44 Ga.-S.C.-Miss.  
 decorata Sandn. 38-701 D.C. Ind. Kan.  
 vittipennis Zimm. 69-259 Que.-S.C.-Kan.  
 convexula Sandn. 38-704 Fla.  
 märkelii Mots. 54-12 Mass.-Ark.  
 ?canaliculata Gyll. 08-552<sup>c</sup> Eur.  
 elongata Mots. 59-51<sup>c</sup> ?N.A.

**Simsonia** Carter & Zeck 29-58<sup>1 3</sup>

- \* vittata Melsh. 44-99<sup>3</sup> N.Y. Ind. Man.  
 bivittata Lec. 52-44<sup>3</sup> Wis.  
 quadrinotata Say 25-187<sup>3</sup> M.St. Can.  
 brunescens Fall 25-177<sup>3</sup> Cal.  
 dietrichi Musg. 33-54<sup>3</sup> Fla. Ga. Miss.

**Elmis**<sup>1</sup>

- immunis Fall 25-178  
 cryophilus Musg. 32-79<sup>1</sup>  
 addenda Fall 07-226<sup>4</sup>  
 ornata Schffr. 11-120<sup>8</sup>

**Narpus** Csy. 93-582<sup>1 9</sup>

- \* concolor Lec. 81-75<sup>9</sup> B.C. Alb. Wash.  
   *solutus* Brown 33-46<sup>1 9</sup>  
 angustus Csy. 93-583<sup>9</sup> Cal.  
   *angustatus* Hntn. 36-57  
 arizonica Brown 30-90<sup>9</sup> Ariz.

**Heterlimnius** Hntn. 35-178<sup>1</sup>

- \* kœbeleï Martin 27-68<sup>10</sup> Wash.  
 divergens Lec. 74-52<sup>10</sup> B.C. Cal.  
 tardellus Fall 25-179<sup>10</sup> Mass.  
 cryophilus Musg. 32-79<sup>10</sup> Tenn.  
 subarcticus Brown 30-241<sup>10 11</sup> Que.  
 trivittatus Brown 30-91<sup>10</sup> Que.  
 ovalis Lec. 63-74<sup>10</sup> Pa. Ind.  
 elegans Lec. 52-43<sup>10</sup> Vt.  
 quadrimaculatus Horn 70-37<sup>10</sup> Cal.

**Microcyllopus** Hntn. 35-178<sup>1 10</sup>

- \* pusillus Lec. 52-44<sup>10</sup> M.St. Can.  
   *sapta* Musg. 33-56 Va. Fla.  
   *s.perdita* Musg. 33-56 Fla.  
   *s.lödingi* Musg. 33-56 Ala. Miss.  
 foveatus Lec. 74-53<sup>10</sup> Cal.  
 similis Horn 70-38<sup>10</sup> Ariz.

**Neelmis** Musg. 35-34<sup>1 12</sup>

- \* cæsa Lec. 74-53<sup>12</sup> Tex.

**Limnius** Er. 47-522<sup>1 13</sup>

- \* latiusculus Lec. 66-380<sup>13</sup> Pa.

**Heterelmis**<sup>1</sup>

- browni Hatch 38-16 Mont.

**ANCYRONYCHINI**<sup>1</sup>**Macronychus** Müll. 06-207<sup>1 13</sup>

- \* glabratus Say 25-187<sup>13</sup> E.U.S.  
 thermæ Hatch 38-18 Mont.

**Ancyronyx**<sup>1</sup>**Zaitzevia** Champ. 23-170<sup>1 13</sup>

- \* parvulus Horn 70-41<sup>13</sup> B.C. Cal.  
   *columbiensis* Angell 92-84<sup>14</sup>

<sup>1</sup> Fall—34.<sup>4</sup> Cited as probably the only American species remaining in the genus, Hinton—35.<sup>9</sup> Review of genus, transferred from Dryopini, Hinton—36.<sup>10</sup> Revision of genus, Hinton—35.<sup>11</sup> As synonym of *tardellus*, Fall—34.<sup>12</sup> Revision of genus, Musgrave—35.<sup>13</sup> Revision of genus, Hinton—36.<sup>14</sup> Sanderson—38.<sup>c</sup> Revision of genus, Sanderson—38.

## HETEROCERIDÆ

## Heterocerus

LITTORIMUS Gozis 85-120  
compactus Fall 37-30 Man. Ia.

## DASCILLIDÆ

Macropogon Mots. 45-38<sup>15</sup>

\* sequoia Hopping 36-46<sup>15</sup> Cal.  
testaceipennis Mots. 59-362<sup>15</sup> Cal.-B.C.  
  *rubricollis* Pic 27-34<sup>15</sup>  
  *cribricollis* Brown 29-274<sup>15 16</sup>  
  
piceus Lec. 61-362<sup>15</sup> N.B.-Ill.-B.C.  
  *rufipes* Horn 80-79<sup>15</sup>  
  *dubius* Brown 29-273<sup>15 16</sup>

Anorus Lec. 59-86<sup>17</sup>

\* piceus Lec. 59-87<sup>17</sup> Cal. L.Cal.  
  *parvicollis* Horn 94-365<sup>17</sup> Ariz.  
  *arizonicus* Blais. 34-323 Ariz.

## CHELONARIIDÆ

Chelonarium Fabr. 01-101<sup>18</sup>

\* lecontei Thoms. 67-84<sup>18</sup> Fla.

## NITIDULIDÆ

## Brachypterolus Grouv. 13-387

\* pulicarius Linn. 58-357<sup>19</sup> Eur. Wis.  
[N.Eng.]

## Carpophilus

humeralis Fab. 98-74 Cal. Fla.  
*rickseckeri* Fall 10-124<sup>20</sup>

## Nitidula

carnaria Schall. 83-257<sup>19</sup> Eur. Wis. Cal.

Phenolia Er. 43-299<sup>21</sup>

\* grossa Fabr. 01-347<sup>21</sup> Can.-Me.-Wyo.-  
[Tex.]

Soronia Er. 43-277<sup>21</sup>

\* guttulata Lec. 63-64<sup>21</sup> N.Y.-Ore.-Ariz.

Lobiopa El. 43-291<sup>21</sup>

\* setosa Harold 68-104<sup>21</sup> Mass.-Ut.-B.C.  
  *setulosa* || Lec. 63-63<sup>21</sup>  
  *substriata* Hamilt. 93-306<sup>21</sup>  
oblonga Parsons 39-159 Cal.  
undulata Say 25-179<sup>21</sup> Me.-Fla.-Mich.-  
[Mex.]

falli Parsons 39-161 Ariz.  
brunnescens Blatch. 17-238<sup>21</sup> Fla. Mass.  
punctata Parsons 39-163 Fla. Jamaica  
?insularis Cast. 40-10<sup>21</sup> Gulf.St.

Amphotis Er. 43-290<sup>21</sup>

\* ulkei Lec. 66-376<sup>21</sup> Mass.-D.C.  
  *schwarzi* Ulke 87-77<sup>21</sup> Va. Ala. N.C.

Pocadius Er. 43-318<sup>22</sup>

\* fulvipennis Er. 43-319<sup>22</sup> Mex. Cal.  
  *dorsalis* Horn 79-311<sup>22</sup>  
helvolus Er. 43-320<sup>22</sup> Conn.-Ga.-B.C.-  
  *breviusculus* Reitt. 76-318<sup>22</sup> [Tex.  
  *ferrugineus* Chevr. 63-604<sup>22</sup> [Mex.  
  *infuscatus* Reitt. 74-94<sup>22</sup> [W.I.  
  *limbatus* Reitt. 74-95<sup>22</sup>  
niger Parsons 36-116 N.M. Ariz.  
  *fulvipennis* || Fall & Ckll. 07-175<sup>22</sup>  
basalis Schffr. 11-117<sup>22</sup> Ariz.

Cryptarcha Shuck. 39-165<sup>23</sup>

CRYPTARCHA (s.str.)<sup>23</sup>  
ampla Er. 43-356<sup>23</sup> Que.-Fla.-Cal.-Or.  
(*grandicollis* Reitt., not No. Amer.)<sup>23</sup>  
glabra Schffr. 09-375<sup>23</sup> Ariz.  
strigatula Parsons 38-93 Mass.-Ga.-  
[Mich. Tex.]

*strigata* of authors (not Fabr.)

*concinna* || Reitt. 73-150<sup>23</sup>

LEPIARCHA Shp. 91-385<sup>23</sup>

(*Cryptarchula* Gg1b. 99-551)<sup>23</sup>

gila Parsons 38-99 Ariz. Cal.  
concinna Melsh. 53-41<sup>23</sup> Mass.-Fla.-  
  *liturata* Lec. 63-30<sup>23</sup> [Cal.-Ore.  
  *picta* Melsh. 46-107<sup>23</sup>  
  *bella* Reitt. 73-150<sup>23</sup>

## HEMIMEPLIDÆ

Hemimeplus<sup>24</sup>

## EROTYLIDÆ

## Ischyryus

quadripunctatus Oliv. 91-437  
  *alabamæ* Schffr. 31-175<sup>25</sup>  
  *a.antedivisa* Mader 38-19 (no. loc.)

## CRYPTOPHAGIDÆ

## Cryptophagus

dentatus Hbst. 93-15<sup>26 27</sup> Arctic N.A.  
blumi Blais. 37-158 Mont.

<sup>15</sup> Revision of genus, R.Hopping—36.

<sup>16</sup> Fall—34.

<sup>17</sup> Revision of genus, Blaisdell—34.

<sup>18</sup> Placed in Dryopidae by Mequignon—34.

<sup>19</sup> Dodge—37.

<sup>20</sup> Parsons in litt.

<sup>21</sup> Revision of group of genera, Parsons—39.

<sup>22</sup> Revision of genus, Parsons—36.

<sup>23</sup> Revision of genus, Parsons—38.

<sup>24</sup> Transferred from Cucujidæ (and placed near Melandryidæ and Oedemeridæ) by H. Scott—33.

<sup>25</sup> Mader—38.

<sup>26</sup> Brown—37.

<sup>27</sup> Blair—33.

## COLYDIIDÆ

RHAGODERINI <sup>28</sup>

## ORTHOCERINI

Rhagodera <sup>29</sup>

## CORTICINI

Anchomma <sup>29</sup>

\* \* \*

## Phlæonemus

*(adhærens* Shp., *not No. American*)<sup>29</sup>Microsicus <sup>30</sup>*parvulus* Guer. 29-189 <sup>30</sup> S.U.S. Mex.  
*setosus* Shp. 94-456 <sup>30</sup>Lasconotus Er. 46-258 <sup>31</sup>*(Illestus* Pascoe 63-33)<sup>29</sup>  
*(Lado* Wankow. 67-249)<sup>29</sup>  
*(Othismopteryx* Sahlb. 71-44)<sup>29</sup>

## Aulonium

*bidentatum* Fab. 01-556 <sup>32</sup> L.Cal. C.A.  
[W.I.]Lapethus Csy. 90-317 <sup>33</sup>*(Lytopeplus* Shp. 95-494)  
*(Brachylon* Gorh. 98-256)

## LATHRIDIIDÆ

## Corticaria

*linearis* Payk. 98-302 <sup>34</sup> Eur. Sib.  
[Greenl.]

## Enicmus

*tricaratus* Brown 34-22 Sask.

## MYCETÆIDÆ

## Stethorhanis

*borealis* Blais. 34-325 B.C.<sup>28</sup> This tribe unnecessary, the genera placed elsewhere, Hinton—35.<sup>29</sup> Hinton—35.<sup>30</sup> Hinton—36.<sup>31</sup> This name was not validated by Erichson in 1845 (1846). Hinton—35 credits it to Leconte 59-282 but Lacordaire was earlier.<sup>32</sup> Fall—34.<sup>33</sup> Placed in Murmidiidæ by Leng but in Colydiidæ by Hinton—36.<sup>34</sup> Carpenter—38.

## COCCINELLIDÆ

## Hyperaspis

*leachi* Nunen. 34-19 Cal.  
*biornatus* Nunen. 34-18 Cal.  
*fimbriolata* Melsh. 46-180  
*s.marginatus* Gaines 33-263 Tex.

## Hyperaspidius

*horni* Nunen. 34-19 N.J.

## Scymnus

*maderi* Nunen. 37-183 Cal.  
*quercus* || Nunen. 34-18  
*scotti* Nunen. 34-17 Cal.  
*schuberti* Nunen. 34-17 Ariz. Cal.

## Coccidula

*suturalis* Weise 95-132 <sup>35</sup> Vanc.-N.J.  
*occidentalis* Horn 95-114 <sup>35</sup>

## Pssyllobora

*plagiata* Schffr. 08-125 Ariz.  
*ko-belei* Nunen. 11-71 <sup>36</sup>

## Ceratomegilla

*cottlei* Nunen. 34-20 Wyo.

## Adonia

*amœna* Fald. 35-453 : Alaska, Asia

## Hippodamia

*hoppingi* Nunen. 34-21 Cal.  
*lunatomaculata* Mots. 45-382  
*a.lengi* Joh. 10-865 <sup>36</sup> Cal.  
*nigromaculata* Nunen. 34-20 (Ad-  
[alia]) <sup>36</sup>

## Cleis

*concolor* Crotch 74-142 <sup>38</sup> Mex. ?Tex.Anatis Muls. 51-133 <sup>39</sup>\* *ocellata* Linn. 58-366 <sup>39</sup> Eur. Sib.*s.halonis* Lew. 96-28 <sup>39</sup>*s.mali* Say 24-93 <sup>39</sup> N.H.-N.J.-Wash.*labiculata* Say 35-288 <sup>39</sup>*rathvoni* Lec. 52-132 <sup>39</sup> Cal. Ore. Ida.*s.lecontei* Csy. 99-98 <sup>39</sup> Ariz. N.M.  
[Colo. Wis.]*quindecimpunctata* Oliv. 08-1027 <sup>39</sup>

[Can.-N.C.-Ark.-Ill.]

*caseyi* Westc. 12-422 <sup>39</sup>*signaticollis* Muls. 50-134 <sup>39</sup> [Ill.]

## Exochomus

*californicus* Csy. 99-107 <sup>40</sup> Cal. Nev.*quatuorpusculatus* Linn. 58-367 <sup>40</sup> Eur.

[Cal.]

*quadripusculatus* Nunen. 34-113<sup>35</sup> Dodge—38.<sup>36</sup> Nunenmacher in litt.<sup>37</sup> Scott—33.<sup>38</sup> Gaines—33.<sup>39</sup> Revision of genus, McKenzie—36.<sup>40</sup> Valid species, Nunenmacher—34.

**Brumus**

*blumi* Nunen. 34-114 Cal.

**Epilachna**

*varivestis* Muls. 50-815 N.A.  
*corrupta* Muls. 50-815 <sup>41</sup>  
*a.genuina* Muls. 50-817 <sup>36</sup>  
*a.juncta* Joh. 10-79 <sup>36</sup>

*sparsa* Blais. 23-237 L.Cal.  
*blairi* Blais. 36-888 "Cal.merid."  
*tuckeri* Csy. 24-297 <sup>34</sup> Ariz.  
*imperialis* Blais. 36-94 Cal. Ariz.  
*tanneri* Blais. 36-97 Cal.  
*tortugensis* Blais. 36-100 L.Cal.

**Eschatomoxys** Blais. 35-125

*wagneri* Blais. 35-125 Cal.

**Craniotils** <sup>5</sup>

**Euschides**

*lecontella* Blais. 36-227 Cal.  
*v.tempestalis* Blais. 36-229 Cal.  
*speculatus* Blais. 36-225 Cal.  
*cressoni* Blais. 33-191 Cal.

**Eleodes**

*paradoxa* Blais. 31-78 <sup>6</sup> Cal.  
*montanus* Blais. 25-385 <sup>6</sup>  
 MELANELEODES Blais. 09-33  
*lineata* Blais. 39-55 Ariz.  
*omissa* Lec. 58-186  
*s.tumida* Blais. 33-194 <sup>7</sup> Cal.

\* \* \*

*spoliata* Blais. 33-196 Ore.  
*acuta* Say. 23-258  
*s.fernigra* Blais. 37-128 Tex.  
 ELEODES (s.str.)  
*dentipes* Esch. 29-10  
*s.sordida* Blais. 35-30 Cal.

\* \* \*

*amedeensis* Blais. 33-199 Cal. Nev.  
*armata* Lec. 51-134  
*v.pumila* Blais. 33-197 Cal.  
 ARPELEODES Blais. 37-128  
*tibialis* Blais. 09-311 <sup>7</sup> L.Cal.

\* \* \*

**ALLECULIDÆ**

**Pseudocistela** Cr. 73-108 <sup>42</sup>

\* (*Cistela* of Lec. & Horn) <sup>42</sup>  
 (*Chromatia* Lec. 61-244) <sup>42</sup>  
*amœna* Say 23-268 Ind. O. Tex.  
*brevis* Say 23-269 E.Can. E.U.S.  
*erythroptera* Ziegl. 44-46  
*rufipes* Melsh.  
*pinguis* Lec. 59-16 N.M. Kan. Cal.  
*pacifica* R.Hopp. 33-284 B.C. Cal.  
*opaca* Lec. 59-78 Cal.  
*thoveneti* Horn 75-156  
*marginata* Ziegl. 44-46  
*pectinata* R.Hopp. 33-285 E.C.

**TENEBRIONIDÆ** <sup>1</sup>

**AUCHMOBIINI** \*

**Auchmobius** Lec. 51-139 <sup>2</sup>

\* *sublaevis* Lec. 51-140 <sup>2</sup> Cal.  
*subovalis* Blais. 34-238 B.C.  
*slevini* Blais. 34-243 Cal.  
*parvicollis* Blais. 34-246 Cal.  
*angelicus* Blais. 34-249 Cal.  
*picipes* Blais. 34-252 Cal.  
*subboreus* Blais. 34-254 Cal.  
*sanfordi* Blais. 34-257 Cal.  
 \* \* \*

**Stibia** Horn 70-260 <sup>3</sup>

(*Entriorophus* Csy. 24-296 <sup>34</sup>  
*granulata* Blais. 23-238 L.Cal.  
*fallaciosa* Blais. 36-70 L.Cal.  
*puncticollis* of Blais. (not Horn)  
*v.interstitialis* Blais. 36-73 L.Cal.  
*cribrata* Blais. 23-239 L.Cal.  
*opaca* Blais. 25-329 (nom.nud.) <sup>3</sup>  
*williamsi* Blais. 25-328 L.Cal.  
*puncticollis* Horn 70-260 <sup>3</sup> Cal. L.Cal.  
*hannai* Blais. 25-329  
*s.martinensis* Blais. 36-83 L.Cal.

*kaweana* Blais. 33-203 Cal.  
*scabriventri* Blais. 33-202 Cal.  
*oblonga* Blais. 33-206 Cal.  
 BLAPYLIS Horn 70-301  
*indentata* Blais. 35-28 Wash.  
 STENELEODES Blais. 09-33  
*ornatipennis* Blais. 37-129 N.Mex.  
 HOLELEODES Blais. 37-132  
*beameri* Blais. 37-132 Ariz.  
*bryanti* Blais. 37-134 Ariz.  
*palmerleensis* Blais. 37-136 Ariz.

**Neobaphion**

*elongatum* Blais. 33-208 Nev.

**Eleodopsis** Blais. 39-52 <sup>5</sup>

*subvestita* Blais. 39-53 Sn Nich.Id.,Cal.

<sup>36</sup> Nunenmacher in litt.

<sup>41</sup> Brown—36.

<sup>42</sup> R.Hopping—33.

<sup>1</sup> Blaisdell—39. (Contains discussions of relationships and components of certain subfamilies and tribes arranged in two sections: (1) Tentyriinæ, Coniutinae, Asidinae (Craniotini, Asidini); (2) Eleodinae (Eleodini, Amphidorini), Helopinae (Stenotrichini, Helopini), Blaptinae, Zopherinae, etc., etc.)

<sup>2</sup> Revision of genus, Blaisdell—34.

<sup>3</sup> Revision of genus, Blaisdell—36.

<sup>4</sup> Blaisdell—33.

<sup>5</sup> Belongs in Asidinae Craniotini, before Asidini, Blaisdell—37.

<sup>6</sup> Blaisdell—35.

<sup>7</sup> Blaisdell—37.

<sup>8</sup> Belongs in Eleodopsinae Eleodopsini, to follow Eleodinae.

**Adeliinæ** <sup>9</sup>

**Cratidus** <sup>9</sup>

**Amphidora** <sup>9</sup>

**Trichoderulus** <sup>9</sup>

\* \* \*

**Coniontis**

- elongata* Csy. 90-380  
*protensa* Csy. 08-104 <sup>10</sup>  
*?obsidiana* Csy. 08-100  
*viatica* Esch. 29-7 Cal.  
*lucidula* Csy. 08-103 <sup>10</sup>  
*innocua* Csy. 08-99 <sup>10</sup>  
*timida* Csy. 08-102 <sup>10</sup>  
*conicicollis* Csy. 08-102 <sup>10</sup>

**Tribolium** MacL. 25-47 <sup>11</sup>

- (*Margus* Dej. 33-200)  
\* *castaneum* Hbst. 97-282 <sup>11</sup> Cosmop.  
*ferrugineum* of Dej. 21-68 <sup>11 12 13</sup>  
*confusum* Duval 68-181 <sup>11</sup> Cosmop.  
*ferrugineum* of Muls. 54-244 <sup>11</sup>  
*madens* Charp. 25-218 <sup>11</sup> Eur. Afr. N.A.  
*obscurum* Redt. 42-17 <sup>11</sup>

**Corticeus** Pill. & Mitt. 83-87

- (*Corticus* of authors) <sup>14</sup>  
(*Hypophloeus* Fabr. 90-24) <sup>14</sup>  
(*Paraphloeus* Seidl. 94-553) <sup>14</sup>  
*strublei* Blais. 34-188 Cal.  
*occidentalis* Wallis 33-249 <sup>15</sup> B.C.  
*minor* Wallis 33-248 <sup>15</sup> Alb.  
*subopacus* Wallis 33-247 <sup>15</sup> B.C.

**Centronopus** Solier 48-154 <sup>16</sup>

- \* (*Scotobænus* Lec. 59-87 <sup>16</sup>  
(*Centronipus* Dej. MS) <sup>16</sup>  
*parallelus* Lec. 59-88 <sup>16</sup> Cal. Ore.  
*wagneri* Blais. 33-218 Cal.  
*simplex* Blais. 37-95 Cal.  
*punctatus* Blais. 33-220 Cal.

**Helops**

- guadalupensis* Csy. 90-488 <sup>17</sup> Guad. Id.,  
[Cal.  
*crockeri* Blais. 33-89 Guad. Id., Cal.

**Stenotrichus** <sup>18</sup>

- \* *rufipes* Lec. 51-136 Cal.  
*parallela* Csy. 24-328 (Amphidora) <sup>19</sup>  
*confluens* Csy. 24-329 <sup>19</sup>

<sup>9</sup> Delete, transfer genera to Amphidorini and Eleodini, Blaisdell—39.

<sup>10</sup> Results derived from rearing, Blaisdell—35.

<sup>11</sup> Revision of genus, Good—36.

<sup>12</sup> Other synonyms do not belong here, Good—36.

<sup>13</sup> Shepard in litt, Uyttenboogaart, etc.

<sup>14</sup> Blaisdell—34.

<sup>15</sup> Described in *Hypophloeus*.

<sup>16</sup> Revision of genus, Blaisdell—33.

<sup>17</sup> Valid species, Blaisdell—33.

<sup>18</sup> Transfer to Helopinæ—Stenotrichini, to follow Helops, Blaisdell—39.

<sup>19</sup> Blaisdell—33.

**LAGRIIDÆ** <sup>20</sup>

**Lagriinæ**

**Arthromacra** Kby. 37-238 <sup>20</sup>

- ænea* Say 24-287 Can.-Minn.-Mo.  
*donacioides* Kby. 37-239 <sup>20</sup>  
*v.glabricollis* Blatch. 10-1285 <sup>21</sup> Ind.  
*v.rugosicollis* Leng 14-287 Ga.  
*robinsoni* Leng 14-236 Va.  
*appalachiana* Leng 17-18 Va. N.C.  
*pilosella* Leng 17-18 Tenn. Ky.

**Statirinæ** <sup>20</sup>

**Statira** Serv. 25-479 <sup>20</sup>

- STATIRA (s.str.) <sup>20</sup>  
*pluripunctata* Horn 88-29 Ariz.  
*simulans* Schffr. 05-180 Tex.  
*croceicollis* Mäkl. 63-594 ?Ala.  
*gagatina* Melsh. 46-311 Pa.  
*basalis* Horn 88-31 U.S.  
*colorata* Fall 09-165 L.Cal.

**MELANDRYIDÆ**

(*Serropalpidæ*)

**Xylita** Payk. 98-249

- \* *lævigata* Hell. 86-318 <sup>22</sup> Eur. N.A.  
*livida* Sahlb. 34-448 <sup>22</sup> Eur. N.A.

**Zilora** Muls. 56-84 <sup>23</sup>

- \* *alabamensis* Mank 38-102 Ala.  
*hispidula* Lec. 66-148 <sup>23</sup> N.H.  
*occidentalis* Mank 38-104 Cal.-B.C.  
*nuda* Prov. 77-321 <sup>23</sup> Que.  
*?canadensis* Hausen 90-91 <sup>23</sup> Que.

**PTINIDÆ**

**Ptinus**

**GYNOPTERUS** Muls. & Rey.  
[68-53 <sup>24</sup>

- tectus* Boield. 56-652 <sup>24</sup> Austral. S.A.  
*pilosus* || White 46-8 <sup>24</sup> [W.I. Eur.  
*ocellus* Brown 29-109 <sup>24</sup> [Afr. Asia,  
[B.C. Wash.

**ANOBIIDÆ**

**Neogastrallus** Fisher 38-43 <sup>25</sup>

- libronocens* Fisher 38-44 Fla.

**Nicoblum**

- hirtum* Ill. 07-19 <sup>26</sup> Fla. Eur.

<sup>20</sup> Revision of family, Borchmann—36.

<sup>21</sup> Leng Catalog.

<sup>22</sup> Mank—37.

<sup>23</sup> Revision of genus, Mank—38.

<sup>24</sup> Hatch—34.

<sup>25</sup> In Anobiini near Gastrallus.

<sup>26</sup> Snyder—35.

**Hadrobregmus**  
destructor Fisher 33-26 Alaska

**Platybregmus** Fisher 34-275<sup>22</sup>  
canadensis Fisher 34-275 Ont.

**Eupactus** Lec. 61-203<sup>23</sup>  
(*Thaptor* Gorh. 83-205)<sup>23</sup>  
oblongus Gorh. 83-206<sup>23</sup> Cal. Mex.

## BOSTRYCHIDÆ

**Endecatomo**s Mellie 47-108<sup>20 31</sup>  
\* reticulatus Hbst. 93-70<sup>31</sup> Eur. S.St. Ind.  
rugosus Dej. MS (Gemm. & Har.)<sup>31</sup>  
rugosus Rand. 38-26<sup>31</sup> Me.-Va.-Tex.-  
dorsalis Mellie 48-218<sup>31</sup> [Mich.

**Sinoxylon**  
simplex Horn 85-155 Tex.  
brevicollis Csy. 98-70 (Amphice-  
[rus])<sup>32</sup>

**Rhizopertha**  
dominica Fabr. 92-359<sup>33</sup> Cosmop.  
pusilla Fabr. 98-156<sup>33</sup>  
fissicornis Marsh. 02-82<sup>33</sup>  
piceus Marsh. 02-88<sup>33</sup>  
rufa Hope 45-16<sup>33</sup>  
frumentarius Nördl. 55-? <sup>33</sup>  
moderatus Walk. 59-260<sup>33</sup>

**Heterarthron**  
(*parvulum* Lesne, not No. American)<sup>34</sup>

## LYCTIDÆ

**Trogoxylon**<sup>35</sup>  
caseyi Lesne 37-240 Tex.  
rectangulus Csy. 24-184<sup>34</sup>

## CISIDÆ

**Octotemnus**  
dixiensis Tanner 34-47 Utah

<sup>22</sup> In Anobiini near *Hadrobregmus*.  
<sup>23</sup> Van Dyke—36.  
<sup>24</sup> Used also as subgenus, Van Dyke—36.  
<sup>25</sup> Spelled *Endecatomo*s by Lesne and others.  
<sup>26</sup> Revision of genus, Lesne—35.  
<sup>27</sup> Lesne—37.  
<sup>28</sup> Potter—35.  
<sup>29</sup> Lesne—37.  
<sup>30</sup> Placed in *Bostrychide* by Lesne—37.

## SCARABÆIDÆ

**Pinotus**  
(*spadiceus* Lued., not No. American)<sup>1</sup>

**Phanaeus**  
floridanus Dols. 24-94 Fla.  
niger Dols. 24-95 La.  
quadridens  
v.borealis Dols. 24-100  
vindex  
v.cyanellus Rob. 38-107 Fla.

**Onthophagus**  
depressus Har. 71-116  
carteri Blackb. 04-147 Ga. S.Afr.

**Aegialia**  
LEPT.AEGIALIA Brown 31-12  
browni Saylor 34-74 Cal.  
\* \* \*  
conferta Horn 71-294<sup>4</sup> Ga. Ill. Cal.  
nigrella Brown 13-47<sup>4</sup> [Wash.

**Trichlorhyssenus**  
\* alternatus Hntn. 38-127 Mex. ?Ariz.

**Aphodius**  
utahensis Rob. 38-107 Utah  
essigi Saylor 35-134 Cal.  
rehni Rob. 38-109 Colo. Ariz.  
linsleyi VanD. 33-115 Cal.  
browni Hntn. 34-277  
smithi || Brown 30-2<sup>6</sup>  
rugoclypeus Hntn. 34-219 Cal.  
cadaverinus of Saylor 33-188<sup>6</sup>  
cadaverinus Mannh. 43-261<sup>6</sup> Cal.  
martini VanD. 28-153<sup>6</sup> Cal.  
washtucna Rob. 38-108 Wash.  
dilaticollis Saylor 35-80 Ore.

**Euparia** Serv. 25-357<sup>7</sup>  
\* castanea Serv. 25-357<sup>7</sup> Fla.-La. C.A.

**Euparixia** Brown 27-288<sup>1</sup>  
(*Euparixa* Leng & Mutch. 33-39)<sup>1</sup>

**Atenius**  
mlamii Cartw. 34-200 Fla.  
platensis Blanch. 37-185<sup>8</sup> S.A. W.I.  
integer Har. 68-96<sup>8</sup> [N.C. Tex.  
anticus Fall 30-105<sup>8</sup>  
falli Hntn. 34-119  
consors || Fall 30-104<sup>8</sup>  
carolinus VanD. 28-157<sup>9</sup>

**Xeropsamobeus** Saylor 37-36  
\* desertus VanD. 18-10 Cal.

<sup>1</sup> Chapin in litt.  
<sup>2</sup> Transferred from *Copris*, Chapin in litt.  
<sup>3</sup> Cartwright—38.  
<sup>4</sup> Fall in litt.  
<sup>5</sup> Hinton—38.  
<sup>6</sup> Hinton—34.  
<sup>7</sup> Revision of genus, Hinton—36.  
<sup>8</sup> Hinton—37.  
<sup>9</sup> Transferred from *Aphodius*, Hinton—37.



**Pleurophorus**

- batesi Arrow <sup>10</sup> W.I. C.A. N.A.  
*parvulus* of authors <sup>19</sup>  
*nanus* of Horn 87-96 <sup>19</sup>

**Saprosites** Redt. 58-436

- \* *ventralis* Horn 87-92 <sup>11</sup> Can. D.C. Ind.

**Phæochrous** Cast. 40-108 <sup>12 13</sup>

- \* (*Phæochrous* Perring. 08-646) <sup>12</sup>  
(*Silphodes* Westw. 45-160) <sup>12</sup>  
*emarginatus* Cast. 40-109 <sup>12</sup> E. Ind. ? Cal.  
*behrensii* Horn 67-163 <sup>12</sup>

**Geotrupes**

- (*laevistriatus* Mots., not *No. Amer.*) <sup>11</sup>  
(*occidentalis* Horn 80-144, *syn.*) <sup>11</sup>

**Pleocomma** Lec. 56-24 <sup>15 16</sup>

- \* *remota* Davis 24-23 <sup>15 16</sup> Utah  
*behrensii* of Smith 85-33 <sup>16</sup>  
*shastensis* VanD. 33-183 <sup>15 16</sup> Cal.  
*puncticollis* Rivers 89-17 <sup>15 16</sup> Cal.  
*rickseckeri* Horn 88-5 <sup>15 16</sup> Cal.  
*trifoliata* Linsley 38-57 ? Alaska  
*australis* Fall 11-65 <sup>15 16</sup> Cal.  
*bicolor* Linsley 35-11 <sup>15 16</sup> Cal.  
*carinata* Linsley 38-56 Ore.  
*simi* Davis 34-24 <sup>15 16</sup> Ore.  
*oregonensis* Leach 33-186 <sup>15 16</sup> Ore.  
*fimbriata* Lec. 56-25 <sup>15 16</sup> Cal.  
*tularensis* Leach 33-186 <sup>15 16</sup> Cal.  
*fimbriata* of Davis 35-17 <sup>16</sup>  
*behrensii* Lec. 74-83 <sup>15 16</sup> Cal.  
*sonomæ* Linsley 35-12 <sup>15 16</sup> Cal.  
*hirticollis* Schauf. 70-58 <sup>15 16</sup> Cal.  
*fimbriata* of Lec. 57-40 <sup>16</sup>  
*s.vandykei* Linsley 38-56 Cal.  
*crinita* Linsley 38-53 Cal.  
*hoppingi* Fall 06-394 <sup>15 16</sup> Cal.  
*badia* Fall 17-15 <sup>15 16</sup> Cal.  
*conjungens* Horn 88-7 <sup>15 16</sup> Cal.  
*hirsuta* Davis 34-88 <sup>15 16 17</sup> Cal.  
*blaisdelli* Linsley 38-55 Cal.  
*conjungens* of Leach 33-185 <sup>16</sup>  
*staff* Schauf. 70-52 <sup>15 16</sup> Cal. <sup>18</sup>  
*adjuvans* Crotch 74-58 <sup>16</sup>  
*dubitalis* Davis 35-30 <sup>15 16 19</sup> Ore.  
*s.leachi* Linsley 38-52 Ore.  
*minor* Linsley 38-52 Ore.  
*edwardsi* Lec. 74-83 <sup>15 16</sup> Cal.  
*staff* of Horn 88-11 <sup>16</sup>  
*ulkei* of Leach 33-184 <sup>16</sup>  
*ulkei* Horn 88-9 <sup>15 16</sup> ? Utah, <sup>20</sup> Cal.

**Benedictia** Sanderson 39-1 <sup>21</sup>

- \* *pilosa* Sandn. 39-2 Tex.

**Lichnanthe** Burm. 44-26

- (*Amphicoma* of authors) <sup>22</sup>

**Oncerinæ** <sup>23</sup>

**Oncerus** Lec. 56-283 <sup>23</sup>

- \* *floralis* Lec. 56-284 <sup>23</sup> Cal.

**Nefoncerus** Saylor 38-101 <sup>23</sup>

- \* *convergens* Horn 94-394 <sup>23</sup> Cal.

\* \* \*

**Chaunocolus** Saylor 37-35 <sup>24</sup>

- \* *cornutus* Saylor 37-35 L. Cal.

**Chnaunanthus** Burm. 44-31 <sup>25</sup>

- \* (*Acratus* Horn 67-165) <sup>25</sup>  
(*Pseudacratus* Dalla Torre 12-7) <sup>25</sup>  
*flavipennis* Horn 67-165 <sup>25</sup> Ariz. Ut.  
*palmeri* Horn 94-393 <sup>25</sup>  
*discolor* Burm. 44-32 <sup>25</sup> Mex. L. Cal.  
*chapini* Saylor 37-535 <sup>25</sup> Cal. Ore.

**Serica** MacLeay 19-146 <sup>26</sup>

- (*Aserica* Lewis 95-394) <sup>26</sup>  
*porcula* Csý. <sup>27</sup>  
*alternata* Lec. 56-276 N.M.-Cal. Colo.  
[Ut.  
*s.exolita* Dawson 33-437 Cal.  
*s.patruea* Dawson 33-437 Cal.  
*acontia* Dawson 33-438 Cal.  
*repanda* Dawson 33-439 Cal.  
*laguna* Saylor 35-1 Cal.  
*peregrina* Chpn. 38-68 Japan, N.Y.  
*similis* of Leng & Mutch. 33-90 <sup>28</sup>  
*brunnea* || Waterh. 75-101 <sup>28</sup>  
*mckenziei* Saylor 35-2 Cal.  
*prunipennis* Saylor 36-4 Cal.  
*pruinosa* || Saylor 35-2 <sup>29</sup>  
*falcata* Daws. 33-439 Nev. Cal.-Wash.  
*stygia* Daws. 33-439 Cal.  
*prava* Daws. 33-440 Cal.  
*senta* Daws. 33-440 Cal.

**Autoserica** Brenske 97-356 <sup>26</sup>

- \* (*Aserica* of Arrow, not Lewis) <sup>28</sup>  
*castanea* Arrow 13-398 Japan, N.Y. N.J.

**Diplotaxis**

- falli* Saylor 35-35 Cal.  
*testacea* Burm. 55-263 <sup>30</sup> Carolina  
*basalis* Fall 09-73 Kan. Neb. Colo.

<sup>10</sup> Cartwright in litt.

<sup>11</sup> Transferred from *Pleurophorus*, Chapin and Cartwright in litt.

<sup>12</sup> Robinson—38.

<sup>13</sup> To follow *Pachyplectris*.

<sup>14</sup> Robinson—38, and Chapin in litt.

<sup>15</sup> Revision of genus, A. C. Davis—35.

<sup>16</sup> Linsley—38; a more complete revision than that of Davis, but arranged alphabetically.

<sup>17</sup> Described as a variety of *conjungens* but elevated to species by Linsley—38.

<sup>18</sup> This probably should be changed to Oregon, Leach—33.

<sup>19</sup> Described as a variety of *staff* but elevated by Linsley—38 and locality cited as California.

<sup>20</sup> Found only in California, Leach—33.

<sup>21</sup> Belongs in *Pleocominae*, Sanderson—39.

<sup>22</sup> Chapin—38.

<sup>23</sup> Revision of subfamily, Saylor—38.

<sup>24</sup> Probably in *Chasmatopterini* of Leng Catalog.

<sup>25</sup> Revision of genus, Saylor—37.

<sup>26</sup> These names are arranged thus by Chapin—32, but *Autoserica* is placed as synonym of *Aserica* Lewis by Arrow—27 and —33.

<sup>27</sup> Valid species, Dawson in litt.

<sup>28</sup> Chapin—38.

<sup>29</sup> Saylor—36.

<sup>30</sup> These references were reversed in the catalog; the species are probably distinct, Fall in litt.



**Chlænobia** Blanch. 50-116 <sup>40</sup>

\* *vexata* Horn 85-120 (Phytalus) <sup>40</sup> Tex.  
*cavifrons* Linell 96-729

**Polyphylla**

*conspersa* Burm. 55-407 <sup>41</sup>  
*r.hammondi* Lec. 56-228 <sup>41</sup> Kan.-Ill.  
*r.subvittata* Lec. 56-229 <sup>41</sup> Tex.  
*squamicauda* Csy. 14-324 <sup>41</sup>  
*oblita* Csy. 14-326 <sup>41</sup>  
*bisinuata* Csy. 14-327 <sup>41</sup>  
*r.molesta* Csy. 14-324 <sup>41</sup> N.Mex.  
*?verecunda* Csy. 14-325 <sup>41</sup> N.Mex.  
*?impigra* Csy. 14-326 <sup>41</sup> N.Mex.  
*?sejuncta* Csy. 14-328 <sup>41</sup> N.Mex.  
*r.proba* Csy. 14-329 <sup>41</sup> Ariz.  
*?diffusa* Csy. 14-329 <sup>41</sup> Ariz.  
*?pimalis* Csy. 14-330 <sup>41</sup> Ariz.  
*(r.cavifrons* Lec., not No. Amer.) <sup>41</sup>  
*barbata* Cazier 38-161 Cal.  
*hirsuta* VanD. 33-116 Ariz.  
*occidentalis* Linn. 67-555 <sup>41</sup>  
*r.variolosa* Hentz 30-256 <sup>41</sup> Me.-N.Y.  
*r.occidentalis* (s.str.) <sup>41</sup> Va.-Fla.  
*r.gracilis* Horn 81-73 <sup>41</sup> Fla.  
*r.comes* Csy. 14-352 <sup>41</sup> Ky.  
*r.speciosa* Csy. 89-17 <sup>41</sup> N.M. Colo.  
*10-lineata* of Csy. (part.) <sup>41</sup>  
*acomana* Csy. 14-342 <sup>41</sup>  
*latifrons* Csy. 14-340 <sup>41</sup>  
*?diffracta* Csy. 89-17 <sup>41</sup> N.Mex.  
*?adusta* Csy. 14-331 <sup>41</sup> N.Mex.  
*r.10-lineata* Say 23-246 <sup>41</sup> Kan.  
*?reducta* Csy. 14-346 <sup>41</sup> Wash.  
*?nigra* Csy. 14-334 <sup>41</sup> Wash.  
*?crinita* of Csy. <sup>41</sup> Wash.  
*r.perversa* Csy. 14-348 <sup>41</sup> Wash.  
*r.oregona* Csy. 14-348 <sup>41</sup> Ore.  
*?opposita* Csy. 14-330 <sup>41</sup> Ore.  
*?mystica* Csy. 14-334 <sup>41</sup> Ore.  
*?crinita* of Csy. (part.) <sup>41</sup>  
*r.modulata* Csy. 14-333 <sup>41</sup> Ore.  
*r.arguta* Csy. 14-339 <sup>41</sup> Utah  
*r.laticauda* Csy. 14-345 <sup>41</sup> Nev.  
*r.rugosipennis* Csy. 14-337 <sup>41</sup> Ariz. Ut.  
*r.matrona* Csy. 14-350 <sup>41</sup> Ariz.  
*r.fuscula* Fall 08-161 <sup>41</sup> Ariz.  
*?lævicauda* Csy. 14-338 <sup>41</sup> Ariz.  
*?r.crinita* Lec. 56-230 <sup>41</sup> Cal.  
*?r.incolumis* Csy. 14-335 <sup>41</sup> Cal.  
*?r.relicta* Csy. 14-336 <sup>41</sup> Cal.  
*?r.robustula* Csy. 14-336 <sup>41</sup> Cal.  
*?r.sobrina* Csy. 14-339 <sup>41</sup> Cal.  
*?r.squamotecta* Csy. 14-343 <sup>41</sup> Cal.  
*?r.pacifica* Csy. 95-607 <sup>41</sup> Cal.  
*?r.ruficollis* Csy. 14-346 <sup>41</sup> Cal.  
*?r.castanea* Csy. 14-347 <sup>41</sup> Cal.

**Phobetus** Lec. 56-227 <sup>42</sup>

\* *comatus* Lec. 56-227 <sup>42 43</sup> Cal. Ore.  
*leachi* Barrett 35-51 <sup>42</sup>  
*v.centralis* Csy. 09-281 <sup>42 44</sup> Cal.  
*v.sloopi* Barrett 33-130 <sup>42 43</sup> Cal.

*saylori* Cazier 37-116 Catal. Id. Cal.  
*ciliatus* Barrett 35-51 <sup>42 43</sup> Cal.  
*testaceus* Lec. 61-346 <sup>42 43</sup> Cal.  
*collucatus* Walker 66-346 \*  
*humeralis* Cazier 37-85 Cal.  
*mojavus* Barrett 33-130 <sup>42 43</sup> Cal.  
*palpalis* Saylor 36-1 <sup>42</sup> Cal.

**Dichelonyx**

*arizonica* Barrett 33-132 Ariz.  
*vicina* Fall 01-291  
*deserta* Hopping 31-236 <sup>35</sup>  
*arizonensis* Saylor 33-158 Ariz.

**Cænonycha**

*tingi* Cazier 37-126 Cal.  
*testacea* Cazier 37-127 Cal.  
*stohleri* Saylor 35-102 Nev.

**Plectris** Serv. 25-369

\* (*?Philochlenia* Blanch. 50-122) <sup>45</sup>  
*aliena* Chpn. 34-34 S.Car.

**Ceraspis** Serv. 25-370

\* (*Faula* Blanch. 50-124) <sup>46</sup>  
*pilatei* Har. 63-174 <sup>38</sup> Ariz. C.A.  
*bawi* Nonfr. 90-76 <sup>45</sup>

**Leptoboplia** Saylor 35-132 <sup>47</sup>

\* *testaceipennis* Saylor 35-133 Cal.

**Hoplia**

*lecontei* DallaT. 13-376 Cal.  
*pubicollis* || Lec. 56-285 <sup>39</sup>  
*floridana*, for Ind. read Fla. <sup>1</sup>

**Anomala**

*foraminosa* Bates 88-229 <sup>42</sup> Mex. Tex.  
*insitiva* Rob. 38-112 Tex.  
*polychalca* of Schffr. 06-2 <sup>12</sup>  
*dubia* Scop. 63-3 <sup>e</sup> Eur. N.J.

**Rutelinae** <sup>48</sup>*Areodina***Cotalpa** Burm. 44-423 <sup>48</sup>

\* COTALPA (s.str.) <sup>48</sup>  
*consobrina* Horn 71-337 Ariz.  
*flavida* Horn 78-53 Ut. Ariz.  
*lanigera* Linn. 64-22 Can.-N.J.  
*s.obesa* Csy. 15-90 <sup>48</sup> Ind. Ia. Wis.  
*molaris* Csy. 15-90 La.  
*subcibrata* Wickh. 05-3 Kans.  
*tau* Wickh. 05-2 Ariz.  
*vernica* Csy. 15-91 Va. N.Y.  
*PARACOTALPA* Ohaus 15-256 <sup>48</sup>  
*(Pocalta* Csy. 15-68) <sup>48</sup>  
*brevis* Csy. 15-95 Cal.  
*granicollis* Hald. 52-374 Utah  
*lævicauda* Csy. 15-95 Cal.

<sup>40</sup> Chapin—35.<sup>41</sup> Kuntzen—33.<sup>42</sup> Revision of genus, Cazier—37.<sup>43</sup> Revision of genus, Barrett—35; all as valid species.<sup>44</sup> As synonym, Barrett—33.<sup>e</sup> Angell in litt.<sup>45</sup> Chapin—34.<sup>46</sup> Dalla Torre—Col. Cat. p. 59.<sup>47</sup> Probably a new tribe near Hopliini, Saylor—35.<sup>48</sup> Revision of subfamily, Ohaus—34.

- nigripennis Csy. 15-97 Cal.  
 pubicollis Csy. 15-98 Utah  
 puncticollis Lec. 63-78 N.Mex.  
 rotunda Csy. 15-96 Cal.  
 rubripennis Csy. 15-97 Cal.  
 ursina Horn 67-168 Cal.
- PARABYRSOPOLIS Ohaus  
 [15-256<sup>45</sup>  
 (*Parareoda* Csy. 15-68)<sup>45</sup>  
 arizonæ Ohaus 12-313 Ariz.  
 batesi Ohaus 15-257 Mex. ?Ariz.  
*lanigera* Bates 88-291<sup>46</sup>  
 rufobrunnea Csy. 15-100 Ariz.  
*Pelidnotina*
- Plusiotis** Burm. 44-417<sup>45</sup>  
 \* woodi Horn 85-124 Tex.  
 ampliata Csy. 15-82 Ariz.  
 beyeri Skinner 05-289 Ariz. Mex.  
 s.ocularis Csy. 15-83<sup>45</sup>  
 angustata Csy. 15-86 Ariz.  
 lecontei Horn 82-120 Ariz. N.M. Mex.  
 gloriosa Lec. 54-221 Ariz. Mex.
- Pelidnota** MacLeay 19-157<sup>45</sup>  
 (*Aglycoptera* Shp. 85-2)<sup>45</sup>  
 (*Odontognathus* Lap. 40-139)<sup>45</sup>  
 (*Strigidia* Burm. 44-388)<sup>45</sup>
- PELIDNOTA (s.str.)  
 lucæ Lec. 63-78 L.Cal.  
 lugubris Lec. 74-54 Ariz. Mex.  
 lutea Oliv. 89-23 Tex. Fla.  
 s.brevicollis Csy. 15-74<sup>45</sup> Fla.  
 s.hudsonica Csy. 15-74<sup>45</sup> N.Y.  
 s.pallidipes Csy. 15-74<sup>45</sup> Va.  
 s.texensis Csy. 15-74<sup>45</sup> Tex.  
 oblonga Csy. 15-73 La.  
 s.debiliceps Csy. 15-73<sup>45</sup> N.J.  
 s.sponderella Csy. 15-73<sup>45</sup> D.C.  
 punctata Linn. 58-350 N.A. ?Mex.  
 tarsalis Csy. 15-74 N.Y.
- Parastasiina*
- Parastasia** Westw. 41-204  
 \* (*Barymorpha* Guer. 43-41)<sup>45</sup>  
 (*Calidia* Burm. 44-331)<sup>45</sup>  
 (*Echmatophorus* Waterh. 95-158)<sup>45</sup>  
 (*Polymorchus* Lec. 56-23)<sup>45</sup>  
 (*Urleta* Westw. 75-238)<sup>45</sup>  
 brevipes Lec. 56-23 Pa. N.Y. Mo.  
 conicicollis Csy. 15-104 Pa.  
*Rutelina*
- Rutela** Latr. 02-151  
 \* (*Microrutela* Bates 04-250)<sup>45</sup>  
 formosa Burm. 44-383 Cuba, Fla.
- • •
- Cyclocephala** Latr. 29-552  
 \* (*Diapatalia* Csy. 15-111)<sup>50</sup>  
 (*Actinidia* Csy. 15-113)<sup>50</sup>  
 SPILOSOTA Csy. 15-112<sup>51 52</sup>  
 (*Ochrosidia* Csy. 15-112)<sup>51 52 53</sup>  
 hirta Lec. 61-346<sup>52</sup> Cal. Ariz. Ut.  
 nigricollis Burm. 47-54<sup>52</sup>  
 robusta Lec. 66-79<sup>52</sup>  
 magister Csy. 15-132<sup>52</sup>  
 pallidissima Csy. 15-133<sup>52</sup>  
 inconspicua Csy. 15-133<sup>52</sup>  
 s.pilosicollis Saylor 36-2<sup>52</sup> Cal.  
 villosa Burm. 47-54<sup>52</sup> ?Cal.  
 abrupta Csy. 15-152<sup>52</sup> Cal. Ore. Ariz.  
 phasma Csy. 15-153<sup>52</sup>  
 obesula Csy. 15-156<sup>52</sup>  
 oblongula Csy. 15-156<sup>52</sup>  
 rustica Csy. 15-157<sup>52</sup>  
 reflexa Csy. 15-153<sup>52</sup>  
 pasadenæ Csy. 15-148<sup>52</sup>  
 arizonica Csy. 15-149<sup>52</sup>  
 immaculata Oliv. 90-29<sup>52</sup> ?Cal.  
 nigrifrons Panz. 94-?<sup>52</sup>  
 frontalis Sturm. 43-116<sup>52</sup>  
 rufifrons Csy. 15-145<sup>52</sup>  
 DICHROMINA Csy. 15-160<sup>51 52</sup>  
 dimidiata Burm. 47-57<sup>52</sup>  
 • • •  
 knobelæ Brown 34-33 Ark.  
 borealis Arrow 11-172 N.Y.  
 villosa Burm. 47-54<sup>53</sup>  
 californica Arrow 37-9 Cal.  
 rustica Csy. 15-157<sup>54</sup>
- Ligyrodos** Csy., belongs in *Cyclocephala*  
 lini after Dyscinetus<sup>1 55</sup>
- Cheiroplatys**  
 (*Pseudaphonus* Csy. 15-178)<sup>54</sup>  
 (*Orizabus* Fairm. 78-260)<sup>54</sup>
- Aphonus** Lec. 56-21<sup>56</sup>  
 \* castaneus Melsh. 46-138<sup>56</sup> Me.-S.C.  
 obesus Burm. 47-119<sup>56</sup>  
 trapezicollis Csy. 15-219<sup>56</sup>  
 saginatus Csy. 15-220<sup>56</sup>  
 cubiformis Csy. 15-221<sup>56</sup>  
 densicauda Csy. 15-216<sup>56</sup> Pa.  
 tridentatus Say 23-209<sup>56</sup> Me.-Fla.-Ind.  
 frater Lec. 56-22<sup>56</sup>  
 elongatus Csy. 15-220<sup>56</sup>  
 aterrimus Csy. 15-216<sup>56</sup>  
 congestus Csy. 15-218<sup>56</sup>  
 politus Csy. 15-218<sup>56</sup>  
 modulatus Csy. 15-219<sup>56</sup>  
 scutellaris Csy. 24-335<sup>56</sup>  
 variolosus Lec. 48-88<sup>56</sup> Ga. Fla.  
 hydropicus Lec. 56-22<sup>56</sup>  
 ingens Csy. 24-334<sup>56</sup>

<sup>1</sup> Chapin in litt.<sup>55</sup> Saylor in litt.<sup>50</sup> Arrow—37.<sup>51</sup> Considered as a synonym of *Cyclocephala* by Arrow—37.<sup>52</sup> Revision of subgenera *Spilosota* and *Dichromina*, Saylor—37.<sup>53</sup> Used as valid genus by Brown—34.<sup>54</sup> Arrow—37.<sup>55</sup> Placed as synonym of *Ligyrodos* by Arrow—37.<sup>56</sup> Revision of genus, Arrow—37.<sup>45</sup> Revision of subfamily, Ohaus—34.<sup>46</sup> Prell—36.**Coscinocephalus** Prell 36-145  
 (*Anoplocephalus* Schffr. 06-259)<sup>49</sup>

**Aphonides** Rivers 89-6(Anoplognathus || Rivers 89-101)<sup>49</sup>**Strategus** Hope 37-87(Anastrategus Csy. 15-231)<sup>54</sup>

anteus Drury 73-74 Fla. Tex.

atrofuscens Csy. 15-247<sup>54</sup>septentrionis Csy. 15-249<sup>54</sup>divergens Csy. 15-246<sup>54</sup>pinorum Csy. 15-248<sup>54</sup>**Megasoma** Kby. 25-566(Megasominus Csy. 15-261)<sup>54</sup>**Gymnetis** MacLeay

chevolati G. &amp; P.

s.ramulosa Bates 69-389<sup>57</sup> Nic. Ariz.ramifera Schffr. 05-159<sup>57</sup>balteata Csy. 15-280<sup>57</sup>**Cineretis** Schürh. 37-56<sup>58</sup>\* argenteola Bates 89-354<sup>57</sup>s.argenteola (s.str.)<sup>57</sup> Mex.a.lætula Csy. 15-281<sup>59</sup> Ariz.**Potosia** Muls. 71-669<sup>59</sup>

\* affinis Ander. 97-154 Eur. Asia, Cal.

**Euphoria**

casselberryi Rob. 37-163

Tex.

**Euphoriaspis** Csy. 15-333

\* hirtipes Horn 80-401

Neb.

æstiosa Horn 80-400<sup>60</sup> Kan.**CREMASTOCHEILINI**<sup>61</sup>**Cremastocheilus** Knoch 01-115<sup>61</sup>(Trinodia Csy. 15-365)<sup>61</sup>(Anatrinodia Csy. 15-369)<sup>61</sup>

lengi Cazier 38-86 Ariz.

MACROPODINA Csy. 15-344<sup>61</sup>**Genuchinus** Westw. 74-23<sup>61</sup>(Psilocnemis Burm. 42-676)<sup>61</sup>**Lissomelas** Bates 89-376<sup>61</sup>

\* \* \*

**Osmoderma**\* scabra Beauv.<sup>62</sup>eremicola Knoch<sup>62</sup><sup>57</sup> Schürhoff—37.<sup>58</sup> To follow Gymnetis, Schürhoff—37.<sup>59</sup> Intercepted by quarantine at San Francisco, Ting—34.<sup>60</sup> Transferred from Euphoria, Chapin in litt.<sup>61</sup> Generic revision of tribe, Cazier—38.<sup>62</sup> These are the only nearctic species, Hoffmann in litt.**Trichiotinus** Csy. 15-381<sup>63</sup>\* piger Fabr. 75-41<sup>63</sup> Me.-Fla.-Tex.-Minn.drummondi G. & P. 33-88<sup>63</sup>rotundicollis Kby. 37-138<sup>63</sup>lunulatus LeBaron 71-194<sup>63</sup>reductus Csy. 15-384<sup>63</sup>texanus of Leonard 28-430<sup>63</sup>rufobrunneus Csy. 14-375<sup>63</sup>

Fla.

obesulus Csy. 14-376<sup>63</sup>affinis of Blatch. 30-34<sup>63</sup>texanus Horn 76-194<sup>63</sup> Kan. Okla. Tex.monticola Csy. 15-383<sup>63</sup> [N.M.]intermedius Csy. 15-383<sup>63</sup>assimilis Kby. 37-137<sup>63</sup> N.S.-Pa.-N.M.-bistriga Newm. 38-170<sup>63</sup> [B.C.]piger of Burm. & Sch. 40-413<sup>63</sup>

variabilis Burm. &amp; Sch. 41-240

[(part)]<sup>63</sup>bibens Burm. 42-756 (part)<sup>63</sup>affinis of Schaum 49-293 (part)<sup>63</sup>affinis G. & P. 33-93<sup>63</sup> N.H.-Ga.-Ill.piger B. & S. 40-413 (part)<sup>63</sup>variabilis B. & S. 41-240 (part)<sup>63</sup>bibens Burm. 42-755 (part)<sup>63</sup>mutabilis Schaum 44-400 (part)<sup>64</sup>ventricosus Csy. 15-386<sup>63</sup>parvulus Csy. 15-387<sup>63</sup>viridans of Leonard 28-430<sup>63</sup>viridans Kby. 37-139<sup>63</sup> Mich.-Kan.-Minn.piger B. & S. 40-413 (part)<sup>63</sup>variabilis B. & S. 41-240 (part)<sup>63</sup>bibens Burm. 42-755 (part)<sup>63</sup>affinis Schaum 49-293 (part)<sup>63</sup>lunulatus Fabr. 75-41<sup>63</sup> Va.-Fla.-Tex.viridulus Fabr. 75-820<sup>63</sup>virens Gmelin 90-1584<sup>63</sup>piger of Schönh. 17-105 (part)<sup>63</sup>bibens Burm. 42-755 (part)<sup>63</sup>mutabilis Schaum 44-400 (part)<sup>63</sup>semiviridis Csy. 14-376<sup>63</sup>carolinensis Csy. 14-376<sup>63</sup>rasilicauda Csy. 15-389<sup>63</sup>rufiventris Csy. 15-390<sup>63</sup>bibens Fabr. 75-40<sup>63</sup> N.Y.-Ga.-Ill.bidens Oliv. 89-62<sup>63</sup>viridulus of Hubb. & Schw. 78-655<sup>63</sup>**LUCANIDÆ****Pseudolucanus**

capreolus Linn. 64-32

a.nigricephalus Benesh 39-273 Ill.

a.muticus Thunb. 06-205<sup>64</sup> Md. Tenn.**Dorcus**brevis Say 25-202<sup>65</sup>

N.J.-Ga.-Mo.

parallelus Say 24-248<sup>65</sup> Bor. Amer.parallelopipedus Linn. 58-354<sup>65</sup> Eur. Que.<sup>63</sup> Angell in Litt.<sup>64</sup> Revision of genus, Hoffmann 35.<sup>65</sup> Benesh—39.<sup>65</sup> Benesh—37.

**Platycerinae****Platycerus** <sup>66</sup>**Megasemum** Kr. 79-97(Nothorhina) Csy. 12-263 <sup>5</sup>aspera Lec. 54-18 <sup>5</sup> Ore. Vanc.**Tetropium**auripile Bates 85-435 <sup>6</sup> Mex. Ariz.**PASSALIDÆ** <sup>67</sup>**Pseudacanthinae****Popilius** Kaup 71-75\* (Passalus of authors) <sup>68</sup>

disjunctus Ill. 00-78 N.A.-S.A.

cornutus Fabr. 01-256 <sup>67</sup>interruptus Linn. 64-35 (part) <sup>67</sup>distinctus Weber 01-79 <sup>67</sup>**Opsimus** Thoms 60-377

\* quadrilineatus Mannh. 43-305 Alas.-Cal.

biplectralis Csy. 24-229 <sup>3</sup>**Oeme**

californica Linsley 34-162 Cal.

laticollis Linsley 34-163 Cal.

gracilis Lec. 81-27

densicollis Csy. 24-250 (Paranop-  
[lium]) <sup>4</sup>**Pseudomethia** Linsley 37-65

arida Linsley 37-66 Cal.

**Methia**

evaniformis Knull 37-306 Tex.

xanthocollis Knull 35-98 Tex.

juniperi Linsley 37-64 Cal.

brevis Fall 29-58 <sup>6</sup> L. Cal.**Osmidus** Lec. 73-177

\* guttatus Lec. 73-178 L. Cal. Ariz.

obscuraella Csy. 24-255 <sup>3</sup>vestitus Csy. 24-255 <sup>3</sup>**Brothylus**

gemmulatus Lec. 59-80 Cal. Utah

consors Csy. 24-254 <sup>3</sup>longicollis Csy. 24-254 <sup>3</sup>**CERAMBYCIDÆ****Aplagiognathus** Thoms. 60-320 <sup>1</sup>

\* remotus Linsley 34-161 Ariz.

**Stenodontes**masticator Thoms. 67-99 <sup>2</sup> Ariz. C.A.  
[S.A.]**Prionus**

californicus Mots. 45-89

crassicornis Lec. 52-108 <sup>3</sup>collaris Csy. 12-742 <sup>3</sup>humeralis Csy. 24-216 <sup>3</sup>s. horni Lam. 12-243 <sup>4</sup> Ariz.lecontei Lam. 12-244 <sup>4</sup> Cal.**Spondylis** Fabr. 75-159

\* upiformis Mannh. 43-304 Alas.-L. Sup.-

laticeps Lec. 50-233 <sup>3</sup> [Ariz.-Cal.]collaris Csy. 12-218 <sup>3</sup>robustula Csy. 12-219 <sup>3</sup>subpubescens Csy. 12-219 <sup>3</sup>basalis Csy. 12-220 <sup>3</sup>parva Csy. 24-226 <sup>3</sup><sup>66</sup> Transferred from Dorcinae, Benesh—37.<sup>67</sup> Revision of family, Hincks & Dobb—35.<sup>68</sup> See Col. Cat. pars 142 for list of 47 synonyms of this species.<sup>1</sup> Belongs in subfamily Prioninae, tribe Macroto-

mini, and subtribe Archetypini, Linsley—34.

<sup>2</sup> Subgenus *Mallodon*, Linsley—34.<sup>3</sup> Linsley—38.<sup>4</sup> Linsley—35.<sup>5</sup> Van Dyke—37.<sup>6</sup> Linsley—34.<sup>7</sup> Rearrangement of genera in the tribes Phora-

canthini and Sphaerionini, Linsley—36.

<sup>8</sup> Linsley—36.<sup>9</sup> Transferred from Anoplium by Linsley—36.**PHORACANTHINI** <sup>7</sup>**Romaleum** White 55-309 <sup>7</sup>(Thersalus Pascoe 66-372) <sup>5</sup>(Hypermallus Lac. 69-302) <sup>8</sup>**Eustromula** Klll. 06-242 <sup>7</sup>\* (Eustroma Lec. 73-186) <sup>5</sup>

validum Lec. 58-82 Tex. Cal. L. Cal.

huachucae Csy. 24-245 (Anoplium) <sup>1</sup>**Elaphidion** Serv. 34-66 <sup>7</sup>(Centrocerum Thoms. 64-244) <sup>5</sup>(Cycliopleurus Hope 35-107) <sup>5</sup>(Hypermallus Csy. 12-292) <sup>5</sup>**Anelaphus** Linsley 36-464\* spurcum Lec. 53-442 <sup>9</sup> Tex.truncatum Hald. 47-33 <sup>9</sup> Fla. Tex.niveivestitum Schffr. 05-132 <sup>9</sup> Tex.brevidens Schffr. 08-333 <sup>9</sup> Ariz.quadricollis Csy. 24-246 <sup>9</sup> Ariz.inermis Newm. 40-29 <sup>9</sup> Pa. Fla. Tex.albofasciatus Linell 96-393 <sup>9</sup> Cal. Ariz.linelli Csy. 24-246 <sup>9</sup>

**Anopliomorpha** Linsley 36-465<sup>7</sup>

- \* *rinconium* Csy. 24-248<sup>9</sup> Ariz.  
*reticollis* Bates<sup>9</sup> ?Ariz. L.Cal. Mex.

**Anoplium** Hald. 47-34<sup>7</sup>

- \* *nanulum* Csy. 24-247<sup>8</sup> Ariz.  
*tuckeri* Csy. 24-247<sup>8</sup> Ariz. Tex.  
*hoferi* Knull 34-69<sup>8</sup> Ariz.  
*simile* Schffr. 08-334<sup>8</sup> Ariz.  
*mœstum* Lec. 53-442<sup>8</sup> Fla. Tex.  
*duncani* Knull 27-117<sup>8</sup> Ariz.  
*unicolor* Hald. 47-34<sup>8</sup> Pa. Tex.  
*cinerascens* Lec. 50-15<sup>8</sup>  
*magnipunctata* Knull 34-12 N.Mex.  
*tricallosum* Knull 38-140 Ariz.  
*nanum* Fabr. 92-300<sup>8</sup> Cuba, Fla.  
*subtropicum* Csy. 24-245<sup>8</sup>

**Elaphidionopsis** Linsley 36-467<sup>7</sup>

- \* *fasciatipennis* Linsley 36-467 Tex.

**SPHERIONINI**<sup>7</sup>**Axestinus** Lec. 73-177<sup>7</sup>

- \* (*Proteinidium* Bates 92-149)<sup>8</sup>  
*obscurus* Lec. 73-177 Tex.

**Aneflus** Lec. 75-185<sup>7</sup>

- \* *sonoranus* Csy. 24-241 Ariz. N.M. Tex.  
*obscurus* of Leng 85-pl. II, f. 27.<sup>8</sup>  
*prolixus* Lec. 63-203 L.Cal.-Tex.  
*fisheri* Knull 34-335<sup>8</sup>  
*protensus* Lec. 58-82 Cal.-Tex. Mex.  
*cochisensis* Csy. 12-296<sup>8</sup>  
*calvatus* Horn 85-132 Ariz. Cal.

**Aneflomorpha** Csy. 12-291<sup>7</sup>

- \* *duncani* Linsley 36-472 Ariz.  
*parkeri* Knull 36-334 Ariz.  
*texana* Linsley 36-473 Tex.  
*elongata* Linsley 36-473 Cal.  
*californica* Linsley 36-476 Cal.  
*levetti* Csy. 92-29<sup>10</sup> Ariz.  
*arizonica* Linsley 36-475 Ariz.  
*fisheri* Linsley 36-475 Tex.

**Anepsyra** Csy. 12-291<sup>7</sup>

- \* *tenue* Lec. 54-81<sup>8</sup> Tex. Ariz.  
*aculeatum* Lec. 73-184<sup>11</sup> Tex.

**Stenelaphus** Linsley 36-477<sup>7</sup>

- \* *alienum* Lec. 75-173 Ariz.

**Stenosphenus** Hald. 47-39<sup>7</sup>

- notatum* Oliv. 95-61 E.St.

**Gymnopsyra** Linsley 37-67<sup>7</sup>

- \* *phoracanthoides* Linsley 37-68 Tex.

**Psyrrassa** Pascoe 66-481<sup>7</sup>

- (*Pseudibidion* Csy. 12-291)<sup>7</sup>  
*brevicornis* Linsley 34-164 Tex.  
*basicornis* Pasc. 66-481 Mex. Tex.

\* \* \*

**Obrium**

- glabrum* Knull 37-41 Tex.

**LEPTURINI**<sup>12</sup>**Pyrotrichus** Lec. 62-41<sup>12</sup>

- \* *vitticollis* Lec. 62-41 Cal. B.C.  
*cribripennis* Csy. 13-198<sup>12</sup>

**Leptalia** Lec. 73-204<sup>12</sup>

- \* *frankenhæuseri* Mannh. 53-252 Alas.-  
*macilentata* Mannh. 53-253<sup>12</sup> [Cal.  
*fuscicollis* Lec. 57-65<sup>12</sup>

**Encyclops** Newm. 38-392<sup>12</sup>

- \* *cœrulea* Say 27-280 Ont.-Conn.-Ill.  
*pallipes* Newm. 38-392<sup>12</sup>  
*californicus* VanD. 20-45 Cal.

**Toxotus** Dej. 21-112<sup>12 13</sup>

- \* (*Stenocorus* || Csy. 13-205)<sup>12</sup>  
*cylindricollis* Say 23-4 N.Y.-Ga.-Mo.  
*dives* Newm. 41-63<sup>12</sup>  
*dentipennis* Hald. 47-58<sup>12</sup>  
*atratus* Hald. 47-58<sup>12</sup>

- flavolineatus* Lec. 54-18 B.C. Wash.  
 [?Cal.]

- vittiger* Rand. 38-29 Que.-Pa.-Minn.

- nigripes* Hald. 47-58<sup>12</sup>

- pacificus* Csy. 13-209 Cal.

- hesperus* Csy. 13-210<sup>12</sup>

- parviceps* Csy. 13-210<sup>12</sup>

- tencilus* Csy. 13-211<sup>12</sup>

- trivittatus* Say 23-422 Man. Mo. Miss.

- virgatus* Lec. 74-67<sup>12</sup>

- schaumi* Lec. 50-320 Que.-Vt.-Ill.-Minn.

- croceus* Leng. 90-68<sup>12</sup>

- cinnamopteris* Rand. 38-45 Mass.-

- [N.C.-Kan.]

- lateralis* Csy. 91-37 Cal.

- uteanus* Csy. 24-273<sup>12</sup>

- marginellus* Csy. 24-274<sup>12</sup>

- vestitus* Hald. 47-59 B.C.-Cal.

- nubifer* Lec. 59-80<sup>12</sup>

- ater* Leng 90-68<sup>12</sup>

- truncatulus* Csy. 13-211<sup>12</sup>

- apiciventris* Csy. 13-211<sup>12</sup>

- flaccidus* Csy. 13-212<sup>12</sup>

- rufipennis* Csy. 13-212<sup>12</sup>

- plagiatus* Csy. 24-273<sup>12</sup>

- morio* Csy. 24-274<sup>12</sup>

- obtus* Lec. 73-206 B.C. Wash. Wyo.

- brevicollis* Csy. 13-214<sup>12</sup> [Alb.]

- aureatus* Csy. 13-213 Cal.

- gilvicornis* Csy. 13-213<sup>12</sup>

- sericatus* Csy. 13-213<sup>12</sup>

- subpinguis* Csy. 13-213<sup>12</sup>

- oregonensis* Csy. 13-214 Cal.-B.C.-Alb.

<sup>12</sup> Revision of part of tribe, Hopping—37.<sup>13</sup> Linsley — 38 changes the authority of these genera to Zetterstedt (28-376) (74); however, they are amply validated by Dejean in 1821 (p. 112) and must be credited to him.<sup>10</sup> Transferred from *Aneflus* by Linsley—36.<sup>11</sup> Transferred from *Aneflomorpha* by Linsley—36.

- Stenocorus* Geoff. 62-221 <sup>12</sup>
- \* (*Rhagium* Fabr. 75-182) <sup>12</sup>
  - inquisitor* Linn. 58-393 Alas.-Cal.-Conn.  
[Que. Eur. Sib. Japan]
  - indigator* Fabr. 87-145 <sup>12</sup>
  - lineatum* Oliv. 95-13 <sup>12</sup>
  - investigator* Mannh. 52-367 <sup>12</sup>
  - californicum* Csy. 13-195 <sup>12</sup>
  - crassipes* Csy. 13-195 <sup>12</sup>
  - parricornis* Csy. 13-195 <sup>12</sup>
  - boreale* Csy. 13-195 <sup>12</sup>
  - cariniventre* Csy. 13-196 <sup>12</sup>
  - thoracicum* Csy. 13-196 <sup>12</sup>
  - montanum* Csy. 13-197 <sup>12</sup>
- Centrodera* Lec. 50-325 <sup>12</sup>
- \* (*Parapachyta* Csy. 13-216) <sup>12</sup>
  - spurca* Lec. 57-63 B.C.-Cal.-Nev.-Ida.
  - cervinus* Walk. 66-332 <sup>12</sup>
  - decolorata* Harris 41-93 Que.-N.Y.-Ill.
  - rudibus* Hald. 47-58 <sup>12</sup>
  - lacustris* Csy. 18-416 <sup>12</sup>
  - nevada* Lec. 73-205 Cal. Nev.
  - oculata* Csy. 13-202 <sup>12</sup>
  - blaisdelli* VanD. 27-102 Cal.
  - picta* Hald. 47-58 Conn.-Ga.
  - pilosa* VanD. 27-101 Cal.
  - sublineata* Lec. 62-40 Pa. N.C.
  - tenera* Csy. 13-203 Cal.
- Xylosteus* Friv. 38-180 <sup>12</sup>
- \* *ornatus* Lec. 73-205 Cal. Ore.
- Anthophylax* Lec. 50-326 <sup>3</sup>
- \* (*Anthophilax* Lec. 50-236) <sup>12 3</sup>
  - \* *hoffmanni* Beut. 03-518 N.C.
  - malachiticus* Hald. 45-64 N.S.-N.C.-
  - cyanea* Hald. 47-151 <sup>12</sup> [L.Sup.
  - viridipennis* Csy. 18-246 <sup>12</sup>
  - viridis* Lec. 50-326 <sup>3 12</sup>
  - attenuatus* Hald. 47-59 N.B.-Va.-L.Sup.
  - quadrifasciatus* C. & K. 22-147 Ohio
  - mirificus* Bland 65-382 B.C.-C.A.-Colo.
  - venustus* Bland 65-382 <sup>12</sup>
  - costaricensis* Bates 85-277 <sup>12</sup>
  - tenebrosus* Lec. 73-208 Ore. Cal.
  - nigrolineatus* VanD. 17-36 <sup>12</sup>
  - subvittatus* Csy. 91-37 Colo.
- Pachyta* Dej. 21-112 <sup>12 13</sup>
- \* *armata* Lec. 73-207 B.C.-Or.-Ida.
  - lamed* Linn. 58-391 Alas.-Cal.-Pa.-
  - litturata* Kby. 37-178 <sup>12</sup> [Que. Eur.
  - nitens* Lec. 50-235 <sup>12</sup>
  - conflagrata* Mots. 60-147 <sup>12</sup>
- Piodes* Lec. 50-318 <sup>12</sup>
- \* *coriacea* Lec. 50-318 Ore.
- Evodinus* Lec. 50-325 <sup>12</sup>
- \* *monticola* Rand. 38-27 N.S.-N.C.-Wis.
  - carolinensis* Csy. 24-275 <sup>12</sup>
  - vancouveri* Csy. 13-216 Alas.-Cal.
- Gaurotres* Lec. 50-324 <sup>12</sup>
- \* *cressoni* Bland 64-69 B.C.-Cal.-Colo.
  - lecontei* Csy. 13-219 <sup>12</sup>
  - cyanipennis* Say 23-423 N.B.-Ind.
  - servillei* Serv. 35-214 <sup>12</sup>
  - ione* Newm. 40-423 <sup>12</sup>
  - laportei* Guer. 44-253 <sup>12</sup>
  - leonardii* Hald. 47-60 <sup>12</sup>
  - abdominalis* Bland 62-270 Ont.-Va.
- Ophistomis* Thoms. 57-319 <sup>12</sup>
- \* (*Cyphonotida* Csy. 13-260) <sup>12</sup>
  - laevicollis* Bates 80-39 Ariz. Mex. Guat.
  - ventralis* Horn 94-401 <sup>12</sup>
- Bellamira* Lec. 73-328 <sup>12</sup>
- \* *scalatis* Say 27-278 N.W.T.-Que.-Fla.
  - coarctatus* Hald. 47-59 <sup>12</sup>
- Neobellamira* Sw. & Hopp. 28-15 <sup>12 14</sup>
- \* *delicata* Lec. 74-97 Cal.
  - sequoiæ* Hopp. 34-115 Cal.
  - ?*antennata* Schffr. 08-342 (*Strangalia*) <sup>12</sup>
- Strangalina* Auriv. 12-240 <sup>12 14 15</sup>
- \* (*Ophistomis* of Csy.) <sup>12</sup>
  - (*Strangalia* of Lec.) <sup>12 14</sup>
  - virilis* Lec. 73-212 Tex.
  - acuminata* Oliv. 95-20 Ont.-Md.-O.
  - emaciata* Newm. 41-68 <sup>12</sup>
  - unicolor* Hald. 47-62 <sup>12</sup>
  - famelica* Newm. 41-68 N.Y.-Ga.-Mo.-
  - confluenta* Hald. 47-61 <sup>12</sup> [Minn.
  - flaviceps* Hald. 47-61 <sup>12</sup>
  - obsoleta* Hald. 47-61 <sup>12</sup>
  - solitaria* Hald. 47-61 <sup>12</sup>
  - carolina* Csy. 13-277 <sup>12</sup>
  - ochreipennis* Csy. 13-278 <sup>12</sup>
  - bicolor* Swed. 87-197 N.Y.-Ga.-Mich.
  - simulans* Csy. 13-278 <sup>12</sup>
  - sexnotata* Hald. 47-61 ?Mass. Fla.-
  - texana* Csy. 13-276 <sup>12</sup> [N.M.-Colo.
  - evanescens* C-y. 13-276 <sup>12</sup>
  - montana* Csy. 91-40 <sup>12</sup>
  - strigosa* Newm. 41-69 Fla.
  - luteicornis* Fabr. 75-197 Mass.-Fla.-
  - [Tex.-Minn.]
- Euryptera* Serv. 25-688 <sup>12</sup>
- \* *ignita* Schffr. 08-341 Ariz.
  - huachucae* Schffr. 05-164 Ariz. Tex.
  - lateralis* Oliv. 95-22 Mass.-Fla.-Miss.
  - distans* Germ. 24-524 <sup>12</sup> [Mex.
  - cincta* Hald. 47-63 <sup>12</sup>
  - obsoleta* Hald. 47-63 <sup>12</sup>
  - lateralis* Hald. 47-63 <sup>12</sup>
  - flavatra* Blatch. 14-92 <sup>12</sup>
  - subintegra* Csy. 24-285 <sup>12</sup>
  - cruentata* Martin 30-70 Ariz.

<sup>3</sup> Linsley—38.

<sup>12</sup> Revision of part of tribe, Hopping 37.

<sup>13</sup> Linsley 38 changes the authority of these genera to Zetterstedt 28-376 (74); however, they are amply validated by Dejean in 1821 (p. 112) and must be credited to him.

<sup>14</sup> Hopping—34.

<sup>15</sup> This synonymy is given by Linsley 38 thus: *Strangalia* Serv. 35-220 (*Strangalina* Auriv. 12-228, *Ophistomis* Csy. 13-248).



**Argaleus** Lec. 50-319  
*nitens* Lec.,<sup>16</sup> for 50-235 read 50-319<sup>3</sup>

**Acmaeops** Lec., for 50-235 read 50-321<sup>7</sup>

**Leptura**  
*tibialis* Lec., for 50-339 read 50-329<sup>3</sup>  
*splendens* Knull 35-191 Ariz.

#### Anoplodera

*insignis* Fall. 07-251<sup>6</sup> Cal., Is. off L. Cal.  
*vittata* Oliv. 92-523 N. A.  
*v. saratogensis* Rau 35-63 N. Y.

#### Typocerus

*standishi* Knull 38-141 Tex. Okla

#### PSEBIINI<sup>17</sup>

**Leptidiella** Strand 36-169  
*(Leptidea* Muls. 39-105)  
*brevipennis* Muls. 39-105<sup>18</sup> Eur. Cal.

\* \* \*

**Callimellum** Strand 28-2  
*(Callimus* || Muls. 46-App.)<sup>19</sup>  
*cyanipenne* Lec. 73-192  
*variipes* Csy. 12-311<sup>3</sup>  
*dehiscens* Csy. 12-312<sup>3</sup>  
*ruficollis* Lec. 73-192  
*longicollis* Csy. 12-310<sup>3</sup>  
*s. opacipennis* Csy. 12-311<sup>3</sup> Cal.

#### Pæcilobrium

*chalybeum* Lec. 73-189 B. C.-Cal. Ida.  
*rugosipenne* Linell 96-395<sup>3</sup>  
*minutum* Csy. 24-261<sup>3</sup>  
*gibsoni* Hopp. 31-234<sup>3</sup>

#### Semanotus

*bifasciatum* Fabr. 87-152<sup>20</sup> N. A.  
 ANACOMIS Csy. 12-271<sup>21</sup>  
*ligneus* Fabr. 87-153<sup>21</sup> N. A.  
*nicolas* White 55-321  
*litigiosa* Csy. 92-25<sup>21</sup> Cal.  
*v. terminata* Csy. 12-274 Me.  
*terminalis* VanD. 37-112

#### Phymatodes

*blandus* Lec. 50-79 Cal.  
*s. picipes* Linsley 34-165 Cal.  
*propinquus* Linsley 34-181 Cal.  
*concolor* Linsley 34-181 Cal.  
*elongatus* Hopp. 35-8 B. C.

*rainieri* VanD. 37-113 Wash.  
*lecontei* Linsley 38-109 Cal.  
*obscurum* || Lec. 59-79<sup>3</sup>  
*? grandis* Csy. 12-277<sup>3</sup> Cal.  
*vulneratus* Lec. 57-60 Cal. B. C.  
*nigrescens* Hardy & Pr. 27-190<sup>22</sup>

#### Xylotrechus

*undulatus* Say 24-291 L. Sup. Id.  
*fuscus* Kby. 37-176<sup>21</sup>  
*humulatus* Kby. 37-175<sup>21</sup>  
*frosti* VanD. 37-114  
*fuscus* of authors<sup>21</sup>  
*insignis* Lec. 73-199 Cal.  
*v. nunenmacheri* VanD. 30-43<sup>4</sup> Ore.

#### Neoclytus

*confusus* VanD. 37-115  
*kirbyi* of authors<sup>21</sup>  
*longulus* of authors<sup>21</sup>  
*nubilis* Linsley 33-93 Cal.  
*muricatus* Kby. 37-177 Can. N. St.  
*kirbyi* Auriv. 12-392<sup>21</sup>  
*longipes* || Kby. 37-176<sup>21</sup>  
*acuminatus* Fabr. 75-194 E. N. A.  
*s. hesperus* Linsley 35-163 Colo.  
*resplendens* Linsley 35-163 Cal.

#### Triodoclytus

Csy. 13-387  
*(Synclytus* Lucas 20-480)<sup>23</sup>

#### Euderces

*balli* Knull 35-192 Ariz.

#### Rhopalophora

*bicolorella* Knull 34-336 Ariz. Tex.

#### Stenosphenus

*aridus* Linsley 35-166 Utah  
*arizonicus* Linsley 35-165 Ariz.  
*basicornis* Linsley 34-60 L. Cal.

#### Atimia

*helenæ* Linsley 34-25 Cal.

#### Elytroleptus

*floridanus* Lec. 62-42 Mass. N. Y. Fla.  
*s. immaculipennis* Knull 35-99 Tex.

#### Tragidion

*opacum* Knull 37-306 Tex.

#### Moneilema

Say 24-403  
*(Monoplesa* Mots. 75-144)<sup>23</sup>  
*annulata* Say 24-404 Kan.-Mont.-Ar.  
*armigera* Mots. 75-146<sup>23</sup> Cal.  
*scabra* Mots. 75-146<sup>23</sup> Cal.

#### Monochamus

*fulvomaculatus* Linsley 33-118 Cal.

#### Dorcaschema

*octovittata* Knull 37-307 Tex.

<sup>16</sup> Linsley—34.

<sup>17</sup> Transferred from *Pachyta*, Linsley—38.

<sup>18</sup> To follow *Necydalini*, Linsley—33.

<sup>19</sup> Linsley—33.

<sup>20</sup> This synonymy is cited by Mequignon—37 but fails to consider the prior name *Pilema* Lec. 73-192 (generally considered to be a synonym) and the still earlier name *Lampropterus* Muls. 63-214 (used as subgenus); nomenclaturally *Lampropterus* must be accepted as the genus name on the basis of these facts.

<sup>21</sup> Transferred from *Callidium*, Linsley in litt.

<sup>22</sup> Van Dyke—37.

<sup>4</sup> Linsley—35.

<sup>23</sup> Hopping—35.

<sup>23</sup> Linsley in litt.

**Alphomorphus** Linsley 35-100 <sup>4</sup>  
*vandykei* Linsley 33-79 (*Pogonocherus*) <sup>4</sup>  
 [Tex.]

**Leptostylus**

*falli* Linsley 34-182 Ariz.  
*monki* Knull 36-106 Tex.

**Leiopus**

*imitans* Knull 36-107 Tex.

**POGONOCHERINI** <sup>25</sup>

**Zaplois** Lec. 78-418 <sup>25</sup>

\* *annulatus* Chev. 62-250 Fla. Cuba  
*hubbardi* Lec. 78-415 <sup>25</sup>

**Lyptismina** Lec. 52-155 <sup>25</sup>

\* (*Allooscelis* Bates 85-358) <sup>25</sup>  
*fuscata* Lec. 52-155 N.Y.-Fla. Cuba,  
*leptis* Bates 85-358 <sup>25</sup> [Mex.-S.A.  
*californica* Horn 85-194 Cal.]

**Callipogonius** Linsley 35-79 <sup>25</sup>

\* *cornutus* Linsley 30-86 Tex.

**Polianus** Bates 80-120 <sup>25</sup>

(*Pogonocherus* of auth., in part) <sup>25</sup>  
*californicus* Schffr. 08-347 Cal.  
*pilatei* VanD. 20-46 <sup>25</sup>  
*concolor* Schffr. 09-102 Cal.  
*albidus* Linsley 34-184 Cal.  
*oregonus* Lec. 61-354 Pac.Cst.-Rky.Mts.  
*obscurus* Fall 10-5 Ariz.  
*s.ponderosa* Linsley 35-85 Cal.  
*schaefferi* Linsley 33-184 Cal.  
*vandykei* Schffr. 32-153 <sup>6 25</sup>  
*californicus* of authors (in part) <sup>4 25</sup>  
*negundo* Schffr. 08-164 Ariz.  
*volitans* Lec. 73-232 L.Cal. Guat.  
*hirsutus* Bates 80-120 <sup>25</sup>

**Ecyrus** Lec. 52-160 <sup>25</sup>

\* *penicillatus* Bates 80-137 Tex. Mex.  
*fasciatus* Hamilt. 96-137 <sup>25</sup>  
*texanus* Schffr. 08-347 Tex.  
*dasyceus* Sav 27-270 E.N.A. Can.  
*obscura* Hald. 47-50 <sup>25</sup>  
*eriquus* Lec. 52-161 <sup>25</sup>  
*s.floridanus* Linsley 35-93 Fla.

**Lophopogonius** Linsley 35-94 <sup>25</sup>

\* *crinitus* Lec. 73-267 Pac.Cst.

**Pogonocherus** Zett. 28-364 <sup>25</sup>

(*Pityphilus* Lac. 72-653) <sup>25</sup>

**POGONOCHERUS** (s.str.) <sup>25</sup>

*penicillatus* Lec. 50-234 Alas. Rky.Mts.  
*alaskanus* Schffr. 08-385 <sup>25</sup> [E.N.A.]

**EUPOGONOCHERUS** Linsley  
 [35-97]

*propinquus* Fall 10-6 Pac.Cst. Rky.Mts.  
*arizonicus* Schffr. 08-346 Ariz.  
*medianus* Linsley 35-98 Ariz.  
*pictus* Fall 10-6 Rky.Mts. N.Pac.Cst.  
*simplex* Hamilt. 96-135 <sup>25</sup>  
*emarginatus* Csy. 13-347 <sup>25</sup>  
*fastigiatus* Csy. 13-348 <sup>25</sup>  
*mixtus* Hald. 47-50 N.N.A.  
*simplex* Lec. 73-237 <sup>25</sup>  
*parvulus* Lec. 52-160 N.N.A.  
*salicicola* Csy 13-347 <sup>25</sup>

\* \* \*

**Lochmæocles**

*tesselatus* Thoms. 67-90 <sup>25</sup> Tex. S.A.

**Cylindrataxia** Linsley 34-183 <sup>25</sup>

*salicicola* Linsley 34-184 Tex.

**Adetus** Lec. 52-161 <sup>25</sup>

\* (*Sicyobius* Horn 80-137) <sup>4</sup>  
*vanduzeei* Linsley 34-62 L.Cal.  
*brousi* Horn 80-137 Tex.

**CHRYSOMELIDÆ**

**Aulacoscelis**

*ventralis* Schffr. 33-297 Ariz.  
*femorata* of Schffr.<sup>1</sup>

**Donacia**

*subtilis*  
*s.magistrigata* Mead 38-113 Cal.  
*idola* Hatch 38-110 Wash.  
*distincta*  
*s.occidentalis* Mead 38-114 Cal.  
*germari* Mannh. 43-306 Ore.  
*flavipennis* Mannh. 43-306 <sup>2</sup>  
*emarginata* Kby. 37-224 N.A.  
*pacifica* Schffr. 25-135 <sup>2</sup>

**Crioceris**

*duodecimpuncta*  
*v.dodecastigma* Suffr. 41-40 <sup>1</sup> Eur.  
 [N.A.]

**Lema** Fabr. 98-90 <sup>3</sup>

\* *peninsulæ* Cr. 73-24 L.Cal.  
*marginempressa* Schffr. 33-299 Ariz.  
*concolor* Lec. 85-24 N.Mex.  
*texana* Cr. 73-24 Tex.  
*arizonæ* Schffr. 19-320 Ariz.  
*sayi* Cr. 73-25 S.E.U.S.  
*cornuta* Fabr. 01-475 S.E.U.S.  
*simulans* Schffr. 33-300 Kans.  
*coloradensis* Linell 93-475 Colo.  
*gaspensis* Brown 38-35 Que.  
*palustris* Blatch. 13-22 E.U.S.  
*v.floridana* Schffr. 33-300 <sup>3</sup> Fla.

<sup>26</sup> Knull—37.

<sup>27</sup> Belongs in Ataxiini near *Aporataxia*, Linsley—34.

<sup>28</sup> Belongs in Adetini (to follow Ataxiini), Linsley—34.

<sup>1</sup> Schæffer—33.

<sup>2</sup> Mead—38.

<sup>3</sup> Revision of genus, Schæffer—33.

<sup>4</sup> Linsley—35.

<sup>5</sup> Linsley—34.

<sup>24</sup> Belongs in tribe Acanthoderini near **Alphus**, Linsley—35.

<sup>25</sup> Revision of tribe, Linsley 35.

- brunnicolis Lac. 45-391 Fla.  
 maculicolis Lac. 45-392 S.E.U.S.  
 collaris Say 24-430 Kan.-Ind. Fla.  
 longipennis Linell 98-474 Colo. Neb. Ill.  
 conjuncta Lac. 45-408 Fla.  
   *v. circumvittata* Clark 66-41<sup>3</sup> Fla.  
 solani Fabr. 98-93 S.E.U.S.  
 confusa Chev. 35-166 Fla.  
   *v. trabeata* Lac. 45-409<sup>2</sup> Fla. Ariz.  
   *v. omogera* Horn 94-405<sup>3</sup> L. Cal.  
 balteata Lec. 85-24 Ariz.  
   *v. equestris* Lac. 45-403<sup>3</sup> Ariz.  
 melanocephala Say 27-294 N.W.U.S.  
 opulenta G. & H. 74-3258 Tex.  
 flavida Horn 94-405 L. Cal.  
 nigrovittata Guer. 29-262 N.M. Ariz.  
 trilineata Oliv. 08-739 E.U.S.  
   *v. medionata* Schffr. 33-303<sup>3</sup> Fla.-N.C.  
   *v. trivittata* Say 24-429<sup>1,3,4</sup> W. St. N.Y.-  
     *immaculicollis* Chev. 35-112<sup>1</sup> [Ala.  
     *trivirgata* Lec. 59-22<sup>1</sup>  
     *nigrovittata* of Schffr.<sup>1</sup>  
   *v. californica* Schffr. 33-301<sup>1,3</sup> Cal.  
     *nigrovittata* Guer. 29-262 N.M.-  
     *notativentris* Schffr. 19-322<sup>1</sup> [C.A.  
 æmula Horn 94-406 L. Cal.  
 jacobina Linell 98-474 Tex.  
 sexpunctata Oliv. 08-738 S.E.U.S.  
   *v. albini* Lac. 45-492<sup>3</sup> S.E.U.S.  
   *v. ephippium* Lac. 45-483<sup>3</sup> S.E.U.S.

(*Antipus* DeG., not North American)<sup>1</sup>

- Anomæa Lac. 48-130<sup>5,6</sup>  
 \* *mutabilis* Lac. 48-137 Tex. Mex.  
   *ruficauda* Försb. 21-261<sup>6</sup>  
 nitidicollis Schffr. 19-322 Tex.  
 crassicornis Schffr. 33-313 Fla.  
 laticlavata Forst. 71-27 Atl. St.-S.D.-S.A.  
   *v. floridana* Schffr. 33-315<sup>6</sup> Fla.  
   *v. kansana* Schffr. 33-314<sup>6</sup> Kan.  
 angustata Schffr. 33-316 Fla.  
 högei Jacoby 88-66 Tex. Mex.

- Gynandrophthalma Lac. 48-256<sup>6</sup>  
 \* *militaris* Lec. 58-83 Tex.  
   *arizonica* Schffr. 19-323 Ariz.

#### Coscinoptera

- dominicana Fabr. 01-34 N. Eng.-Fla.-  
   [Mex.  
   *v. franciscana* Lec. 59-22<sup>1</sup> Tex. Ariz.  
   *dorsalis* Lec. 74-25<sup>1</sup> [Colo. Kan.

#### Babia Lac. 48-424<sup>6</sup>

- \* *quadriguttata* Oliv. 91-37 E.U.S.-Neb.-  
   [Tex.  
   *v. pulla* Lac. 48-429<sup>6</sup> Ariz. N.M.  
   *v. tenuis* Schffr. 33-320<sup>6</sup> Wyo.  
 tetraspilota Lec. 58-83 Ariz. N.M.  
   *v. texana* Schffr. 33-320 Tex.  
 humeralis Fabr. 01-37 L. Cal. Mex.  
 oregona Schffr. 33-321 Ore.

### Fulcidacinæ<sup>1</sup>

(*Chlamydinæ*)<sup>1</sup>

#### Arthrochlamys Ihering 05-642

(*Chlamys*) [Knoch 01-122]<sup>1</sup>

\* \* \*

#### Monachus

- scaphidioides Suffr. 51-215<sup>7</sup> Mex. Ariz.  
 opacicollis Schffr. 33-321 Ariz.

#### Cryptocephalus

- notatus  
   *v. sellatus* Schffr. 33-322 Tex.  
 binominis  
   *v. rufibasis* Schffr. 33-322 Fla.  
 multisignatus Schffr. 33-322 Ariz.  
 trizonatus Suffr., for Ariz. read Tex.<sup>1</sup>  
 egregius Schffr. 34-459 Tex. Ga.  
 snowi Schffr. 34-461 Ariz.  
 cowaniae Schffr. 34-462 Ariz.  
 duryi Schffr. 06-230<sup>1</sup> Ariz. Tex.  
 cupressi Schffr. 33-324 La.  
 texanus Schffr. 33-323 Tex.  
 amatus Hald. 49-253  
   *apicidens* Fall 32-22<sup>7</sup>  
 spurcus Lec. 58-84 Cal.  
   *s. vandykei* White 37-112 Cal.  
 cerinus White 37-111 Cal.  
   *s. nevadensis* White 37-113 Nev.  
 incertus Hald. 49-250 Ga. Conn.  
   *calidus* Suffr. 51-241<sup>8</sup>  
 bispinus Suffr. 58-347 Fla.  
 albicans Hald. 49-252<sup>8</sup>  
 pumilus Hald. 49-249 Ga. Fla.  
   *pseudolus* Suffr. 58-373<sup>8</sup>  
 simulans Schffr. 06-231 Ariz.  
   *v. conjungens* Schffr. 34-460 Tex.  
   *v. eluticollis* Schffr. 34-460 Ariz.  
 luteolus Newm. 40-250  
   *defectus* Lec. 80-201<sup>8</sup>  
   *sanfordi* Blatch. 13-23<sup>8</sup>  
   *sanfordensis* Clav. 13-182<sup>8</sup>

#### Diachus

- luscus Suffr. 58-377<sup>9</sup> Ga.

#### Bassaræus

- formosus Melsh. 47-173  
   *v. egenus* Suffr. 51-311<sup>5</sup> Pa.  
   *v. confluentinus* Schffr. 34-464<sup>5</sup> Mass.-  
     [Pa.  
 mamifer Newm. 40-250  
   *speciosus* Schffr. 34-463 (in error)<sup>8</sup>  
   *pretiosus* Melsh. 47-174  
 lituratus Fabr. 01-50  
   *v. geminatus* Hald. 49-253<sup>9</sup>  
   *vittatus* Suffr. 51-296<sup>8</sup>

#### Nodonota

- basalis Jacoby 90-197 Mex. Ariz.  
 arizonica Schffr. 06-238<sup>5</sup>

<sup>1</sup> Also cited as a valid species, Schæffer—33.

<sup>2</sup> Cited as valid genus, Schæffer—33. (*Titubæa* Lac. is listed as a possible synonym).

<sup>3</sup> Revision of genus, Schæffer—33.

<sup>7</sup> Fall—34.

<sup>8</sup> Schæffer—34.

<sup>9</sup> Transferred from *Cryptocephalus*, Schæffer—34.

**Euphrytus**

- snowi Schffr. 34-464  
parvicollis Schffr. 34-465

Ariz.  
Ariz.

**Colaspis**

- arizonensis Schffr. 34-466  
nigrocyanea Cr. 73-45  
    *?dugesi* Lef. 85-32<sup>5</sup>  
    *?melancholica* Jac. 81-143<sup>5</sup>  
viriditincta Schffr. 19-329<sup>5</sup>  
viridiceps Schffr. 34-468  
crinicornis Schffr. 34-469  
brunnea Fabr. 98-94  
    v. floridana Schffr. 34-471<sup>5</sup>  
flavocostata Schffr. 34-470  
pini Barber 37-200<sup>10</sup>  
    s. schotti Barber 37-201<sup>10</sup>  
lata Schffr. 34-469

Ariz.  
Ariz.  
  
Ariz.  
Ariz.  
Tex.  
Fla.  
Fla.  
La. Miss.  
N.J.  
Neb.

**Xanthonia**

- pinicola Schffr. 34-471

Ariz.

**Fidia**

- viticida  
v. texana Schffr. 34-472

Tex.

**Myochrous** Er. 47-164<sup>11</sup>

- \* magnus Schffr. 04-228  
denticollis Say 23-448 Fla. Ind. Ill.  
floridanus Schffr. 34-472  
movallus Johnson 31-148  
longulus Lec. 58-86  
pauxillus Schffr. 34-473  
squamosus Lec. 59-24

Tex.  
Tex.  
Fla.  
S.D.  
Cal. Ariz.  
Tex.  
Mont. Neb.

**Glyptoscelis** Lec. 59-81<sup>12</sup>

- \* (*Eumolpus* Weber 01-28)<sup>12</sup>  
illustris Cr. 73-35  
s. aridis VanD. 38-194  
pubescens Fabr. 77-220 Ont.-Mass.-Ga.  
    *hirsutus* Gmel. 88-1703<sup>12</sup>  
    *hirtus* Oliv. 08-906<sup>12</sup>  
    *pini* Say 27-295<sup>12</sup>  
barbata Say 26-296  
liebecki Blatch. 10-1137  
prosopis Schffr. 05-169  
albida Lec. 59-81  
s. yosemitæ Krauss 37-26  
s. diaboli Krauss 37-26  
longior Lec. 78-462  
    *albida* of Horn 92-203<sup>12</sup>  
sequoia Blais. 21-195  
s. vandykei Krauss 37-28  
parvula Blais. 21-196  
squamulata Cr. 73-36  
alternata Cr. 73-36  
cryptica Say 23-449  
    *albicans* Baly 65-334<sup>12</sup>

Cal. Ore.  
Cal.  
Ont.-Mass.-Ga.  
  
Cal.  
Conn.-D.C.-Ind.  
Ind. Ill.  
Tex.  
Cal.  
Cal.  
Cal.  
B.C.-Ore.-Colo.  
Cal.-Wash.-Nev.-  
[Ida.  
Ore.  
Cal.  
Cal. Ore. Ariz. Ut.  
Cal.  
Mo. Dak. Kan.  
[?Mex.

**Colaspidea**

- pallipes Fall 33-230  
grata Fall 33-230  
pomona Fall 33-231  
violaceipennis Horn 92-229 Ariz. Mex.  
    *?purpureicollis* Jac. 81-109<sup>8</sup>

Cal.  
Cal.  
Cal.

**Labidomera**

- suturella Chev. 44-301<sup>5</sup>

Mex. Tex.

**Chrysolina** Mots. 60-210

- \* (*Chrysomela* of auth., not Linn.)<sup>13</sup>  
subsulcata Mannh. 53-254 Alas. N.W.T.  
blaisdelli VanD. 38-48 Alas. N.W.T.  
vidua Rogers 56-36 B.C.-Ore.-Ida.  
    *subseriata* Lec. 60-321<sup>13</sup>  
flavomarginata Say 24-452 Cal.-Alb.-O.  
hudsonica Brown 38-35 Alas.-Que.  
auripennis Say 24-452 Ind.-Tex.-Ariz.-  
    *cribraria* Rogers 56-36<sup>13</sup> [Ut.  
    *inornata* Rogers 56-36<sup>13</sup>  
s. cyanea Schffr. 34-479<sup>13</sup> Ariz. Ut.  
[N.M.  
basilaris Say 24-451<sup>5</sup> Wyo. Colo. Neb.  
    *montevagans* Lec. 78-463<sup>13</sup>  
    *montivagans* VanD. 38-56  
subopaca Rogers 56-36 N.Y.-Fla.-Ind.-  
    *opacipennis* Cr. 75-50<sup>13</sup> [Tex.  
staphylea Linn. 58-370<sup>14</sup> Eur. N.S.

**Calligrapha**

- lunata Fabr. 87-69  
v. latevittata Achard 23-69<sup>5</sup> Mass.  
    *lativittis* Schffr. 34-478  
v. mediorupta Achard 23-69<sup>5</sup>  
    *medionota* Schffr. 34-478  
v. bowditchi Achard 23-69<sup>5</sup> Me. Mass.  
v. hybrida Say 23-449<sup>5</sup> Colo. Neb. Man.  
scalaris Lec. 24-173  
v. floridana Schffr. 34-476 Fla.  
vicina Schffr. 34-476 N.Y.  
verrucosa Suffr. 58-266<sup>5</sup>  
multipunctata Say 23-451  
v. bigsbyana Kby. 37-212<sup>5</sup>  
v. suturella Schffr. 34-478<sup>5</sup> N.H.

**Galerucella**

- ribicola Brown 38-37 Man.  
quebecensis Brown 38-36 Ore.  
stefanssoni Brown 38-36 N.W.T.

**Erynephala** Blake 36-425<sup>15</sup>

- \* puncticollis Say 24-458<sup>16</sup> Man.-Tex.-Ida.  
    *erosa* Lec. 85-28  
    *morosa* Lec. 57-70<sup>16</sup> Cal.  
maritima Lec. 65-218<sup>16</sup> N.S.-Fla.-Tex.-  
    [W.I.

**Monoxia**

- beebei Blake 37-89 Gulf of Cal.

<sup>5</sup> Scheffer 34.

<sup>10</sup> Described from paratypes of *flavocostata*. Schffr.; this whole group badly needs revision; *brunnea* Fabr. must be changed, Barber—37.

<sup>11</sup> Revision of genus, Scheffer—34.

<sup>12</sup> Revision of genus, Krauss 37.

<sup>13</sup> Revision of genus, Van Dyke—39.

<sup>14</sup> Long Catalog.

<sup>15</sup> Revision of genus, Blake—36.

<sup>16</sup> Transferred from *Monoxia*, Blake—36.

- Disonycha** Chev. 37-414 <sup>17</sup>
- \* *pennsylvanica* Ill. 07-146 Mass.-Fla.-  
*sexlineata* Oliv. 08-642 <sup>17</sup> [Tex.-Ill.  
*pennsylvanica* Strum. 43-283 <sup>17</sup>  
*parva* Blatch. 22-16 <sup>17</sup>
- conjugata* Fabr. 01-495 N.C.-Fla. Cuba  
*costipennis* Duval 57-129 <sup>17</sup>  
*floridana* Jacoby 01-146 <sup>17</sup>
- procera* Csy. 84-182 B.C.-H.B.T.-Ga.-Ut.  
*?vicina* Kby. 37-217 <sup>17</sup>  
*?pallipes* Cr. 73-64 <sup>17</sup>  
*pennsylvanica* of Horn 89-202  
 [(part)] <sup>17</sup>  
*nigriventris* Schffr. 31-282 <sup>17</sup>
- uniguttata* Say 24-88 Mass.-Fla.-La.-  
*?vicina* Kby. 37-217 <sup>17</sup> [Man.  
*?pallipes* Cr. 73-64 <sup>17</sup>  
*pennsylvanica* of Horn 89-202  
 [(part)] <sup>17</sup>
- limbicollis* Lec. 57-67 Cal. Nev.  
*alternata* Ill. 07-144 N.W.T.-N.S.-S.C.-  
*?quinquevittata* Say 24-88 <sup>17</sup> [Cal.  
*punctigera* || Schffr. 31-279 <sup>17</sup>
- latiovittata* Hatch 32-108 B.C.-Cal. Wyo.  
*puncticollis* || Lec. 57-67 <sup>17</sup>  
*quinquevittata* Horn 89-203 (part) <sup>17</sup>
- schaefferi* Blake 33-24 Can. O.  
*pluriligata* Lec. 58-27 Ill.-La.-Colo.  
*?quinquevittata* Say 24-88 <sup>17</sup>  
*v.pura* Lec. 58-86 <sup>17</sup> Cal.-N.M. C.A.  
*capitata* Jacoby 84-316 <sup>17</sup>  
*quinquevittata* of Jacoby 91-276 <sup>17</sup>
- punctigera* Lec. 59-24 Ill.-N.M.-Alb.  
*?quinquevittata* Say 24-88 <sup>17</sup>  
*neglecta* Schffr. 31-283 <sup>17</sup>  
*punctipennis* Schffr. 31-284 <sup>17</sup>
- arizonæ* Csy. 84-52 Me.-S.C.-Ariz.-Man.  
*glabrata* Jacoby 84-311  
*davisi* Schffr. 24-141  
*v.borealis* Blake 33-31 Ont. Mich.  
*tenuicornis* Horn 89-208 Ariz. N.M.  
*caroliniana* Fabr. 75-122 Mass.-Fla.-  
*?s-vittata* Fabr. 92-47 <sup>17</sup> [Tex.-Ill.  
*?vittata* Fabr. 01-491 <sup>17</sup>  
*quinquevittata* G. & H. 76-3497 <sup>17</sup>  
*pulchra* Csy. 84-51 <sup>17</sup>  
*alternata* || Horn 89-315 <sup>17</sup>
- figurata* Jacoby 84-314 Nev. Ariz. C.A.  
*fumata* Lec. 58-86 Tex. Mo. ?N.Y.  
*crenicollis* of Horn 89-204 (part) <sup>17</sup>  
*alternata* Jacoby 84-311 (part) <sup>17</sup>  
*horni* Jacoby 84-311 (part) <sup>17</sup>  
*v.quinquerutata* Schffr. 19-336 <sup>17</sup> Cal.-  
*carolina* Brisley 25-175 <sup>17</sup> [N.M. Ut.  
*v.lodingi* Schffr. 19-337 <sup>17</sup> Ala.  
*latifrons* Schffr. 19-336 Cal.-N.M.-Mont.  
*v.laticollis* Schffr. 31-284 <sup>17</sup> N.S.-N.J.-  
 [Minn.  
*quinquevittata* of Whiteh. 18-38 <sup>17</sup>  
*discoidea* Fabr. 92-25 Md.-Ga.-Tex.-  
*nigrödorsis* G. & H. 76-3497 <sup>17</sup> [Kan.  
*v.abbreviata* Melsh. 47-163 <sup>17</sup> Pa.-Va.-  
 [Ill.
- leptolineata* Blatch. 17-143 Fla.  
*v.texana* Schffr. 19-339 <sup>17</sup> Va.-Ariz.  
 [Kan.
- antennata* Jacoby 84-35 Fla. Mex.  
*albida* Blatch. 24-169 <sup>17</sup>
- alabamæ* Schffr. 19-337 Ala. Tex.  
*admirabilis* Blatch. 24-90 Mass.-Va.-  
 [Tex.-Ind.
- glabrata* Fabr. 81-156 N.Y.-Fla.-Ill.-S.A.  
*tomentosa* of Fabr. 75-122 <sup>17</sup> [W.I.  
*vittata* Oliv. 89-105 <sup>17</sup>  
*alternata* of Latr. 33-39 <sup>17</sup>  
*horticola* Dej. 37-414 <sup>17</sup>  
*albicollis* Sturm. 43-283 <sup>17</sup>
- maritima* Mannh. 43-311 Cal. Nev.  
*collata* Fabr. 01-463 Me.-Fla.-Ill.-C.A.  
*collaris* Cr. 73-64 <sup>17</sup>  
*mellicollis* of Horn 89-211 <sup>17</sup>  
*semicarbonata* Lec. 59-25 N.M. Colo.  
*mellicollis* Horn 89-211 (part) <sup>17</sup>
- xanthomelas* Dalman 23-79 N.W.T.-  
*collaris* of Ill. 07-126 <sup>17</sup> [Mass.-Va.-  
*xanthomelana* G.&H. 76-3497 <sup>17</sup> [La.  
*merdivora* Melsh. 53-122 <sup>17</sup>  
*v.cervicalis* Lec. 59-25 <sup>17</sup> Kans. Ga.  
*v.atrella* Blake 33-57 Mass. Va. Ala.  
*triangularis* Say 24-84 B.C.-Mass.-Va.-  
*puncticollis* Kby. 37-218 <sup>17</sup> [Tex.  
*v.montanensis* Blake 33-59 Mont.  
*politula* Horn 89-211 Kan.-N.M.-Guat.  
*varicornis* Horn 89-210 Tex. Cal. L.Cal.  
*funerea* Rand. 38-47 Mass. Ct. Ga. Ala.  
*brevicornis* Schffr. 31-281 Colo.  
*stenosticha* Schffr. 31-285 Tex.  
*quinquevittata* Fabr. 77-118 <sup>18</sup> Carol.  
*s-vittata* Fabr. 92-47  
*mellicollis* Say 31-10 <sup>18</sup> La. Mo.  
*vicina* Kby. 37-217 <sup>18</sup> Can.  
*pallipes* Cr. 73-64 <sup>18</sup>  
*quinquevittata* Say 24-85 <sup>18</sup> Mo.
- Altica** <sup>19</sup>
- bimarginata* Say 24-85 <sup>20</sup>  
*plicipennis* Mannh. 43-310 Alas.-Cal.-  
 [Tex.-Man.  
*subplicata* Lec. 59-25 Can.-La.-N.M.-  
 [Minn.  
*prasina* Lec. 57-67 B.C.-Cal.-Ut.  
*ambiens* Lec. 59-25 B.C.-Cal.-N.M.-Wyo.  
*v.alni* Harris 69-268 <sup>19</sup> Me.-Minn.  
*v.laticollis* Blake 36-21 Ore. Cal.  
 [Ariz. Nev.  
*guatemalensis* Jacoby 84-297 Ariz. C.A.  
*napensis* Blake 36-23 Cal.  
*caurina* Blake 36-24 Alb. Wash.  
 \* \* \*
- woodsii* Isely 20-11 <sup>21</sup>  
*nancyæ* Stirrett 33-208 Iowa  
*populi* Brown 38-37 Ont. Mann.

<sup>17</sup> Revision of genus, Blake—36.

<sup>18</sup> Unrecognized species, Blake—33.

<sup>19</sup> Revision of part of genus, Blake—36.

<sup>20</sup> Unrecognized species, Blake—36.

<sup>21</sup> Dietrich in litt.

**Orestioides** Hatch 35-276 <sup>22</sup>

\* *robusta* Lec. 74-274 <sup>23</sup> N.H. Que. Wash.

**Systema**

*elongata* Fabr. 98-99 N.Y.-Fla.-Cal.  
*subanea* Lec. 57-68 <sup>24</sup> [Man.  
*dimorpha* Blake 33-181 Cal.-N.M.-Kan.-  
 [Mont.

\* \* \*

*taniata* Say 24-294 <sup>24</sup>  
*blanda* Melsh. 47-164 <sup>24</sup> N.Y.-Ga.-N.M.-

*s.ligata* Lec. 57-68 <sup>24</sup> [Ida. Cal.  
*ochracea* Lec. 58-87 <sup>24</sup>

*mitis* Lec. 58-87 <sup>24</sup> Cal.-Tex.-Colo.  
*bitæniata* Lec. 59-26 <sup>24</sup> Cal.-N.M.-Alb.-

[Dak.  
*pallidula* Boh., not North American <sup>24</sup>

*lævis* Blake 35-100 Cal.-Colo. Ariz.  
*californica* Blake 35-101 <sup>24</sup> Cal.  
*carri* Blake 35-102 <sup>24</sup> Alb.

\* \* \*

*gracilentia* Blake 33-180 Tex. Mex.

**Psylliodes**

*credens* Fall 33-233 Cal.  
*verisimilis* Fall 33-232 N.Mex.

**Anisostena**

*arizonica* Schffr. 33-103 Ariz.  
*texana* Schffr. 33-103 Tex.  
*kansana* Schffr. 33-104 Kans.

**Anoplitis**

*ancoroides* Schffr. 33-105 N.J.

**Chalepus** Thunb. 05-282

\* *bicolor* Oliv. 92-96 <sup>25</sup> Tex. E.St.  
*walshi* Cr. 73-81 <sup>25</sup> Ill.-Colo.-Ark.-Ariz.

**Xenocephalus** Weise 10-136 <sup>26</sup>

**HEMICHALEPUS** Spæth 37-147 <sup>26</sup>  
*arizonicus* Uhm. 38-425 Ariz. Mex.  
*crotchii* Weise 10-144 <sup>26</sup>

**Brachycoryna**

*lateralis* Schffr. 33-105 Colo.

**Stenopodius** Horn 83-301 <sup>27</sup>

\* *flavidus* Horn 83-301 <sup>27</sup> Cal.  
*submaculatus* Blais. 39-433 Cal.  
*v.laticollis* Blais. 39-434 Cal.  
*v.pallidulus* Blais. 39-435 Cal.  
*inyoensis* Blais. 39-435 Cal.  
*v.pallidus* Blais. 39-437 Cal.  
*martini* Blais. 39-437 Tex.  
*texanus* Schffr. 33-106 <sup>27</sup> Tex.  
*vanduzeei* Blais. 39-440 Cal.  
*insularis* Blais. 39-442 Gulf of Cal. Is.

<sup>22</sup> Belongs in Haliicini near *Crepidodera* and *Orestia*, Hatch 35.

<sup>23</sup> Transferred from *Crepidodera*, Hatch—35.

<sup>24</sup> Revision of part of genus, Blake—35.

<sup>25</sup> Uhmann 36.

<sup>26</sup> Uhmann 38.

<sup>27</sup> Revision of genus, Blaisdell—39.

**Pentispa**

*suturalis* Baly 85-51 Mex. Ariz.  
*(v.vittula* Weise, not No. American <sup>1</sup>)

**Microrhopala**

*arizonica* Schffr. 06-253 <sup>28</sup>

**Chelymorphia**

*phytophagica* Cr. 73-77 Ariz.  
*v.luteata* Schffr. 33-108 Ariz.

**Cassida**

*(nebulosa* Linn., not North American <sup>1</sup>)  
*flaveola* Thunb. 94-103 <sup>1</sup> Eur. Pa. Md.  
 [N.Y.]

**Chirida**

*barberi* Spæth 36-140 Fla.

**Psalidonota** Boh. 55-81

\* *texana* Schffr. 33-108 Tex.  
*leprosa* of Horn <sup>1</sup>

**Erepocassis** Spæth 36-260

\* *rubella* Boh. 62-449 Ala. Ga.  
*marginipunctata* Schffr. 25-236 <sup>29</sup>  
*marginipuncta* Spæth 36-260

**Strongylaspis** Spæth 36-216 <sup>30</sup>

\* *bisignata* Boh. 55-119 <sup>29</sup> Kans. O. Tex.

**BRUCHIDÆ**

(*Mylabridæ*, *Acanthoscelidæ*)

**Bruchus**

*tenuis* Bott. 35-127 Fla.-Tex.-Mich.  
*brachialis* Fahr. 39-79 <sup>31</sup> O.-N.J.-Ga.

**BRENTIDÆ****Arrhenodes**

*minutus* Drury 70-95 <sup>1</sup> E.N.A.

**PLATYSTOMIDÆ**

(*Anthribida*) <sup>2</sup>

**Goniocleonus** Jord. 04-260

\* (*Tropideres* of authors) <sup>3</sup>  
*bimaculatus* Oliv. 95-14 <sup>3</sup> E.St.  
*rectus* Lec. 76-395 E.St.

**Brachytarsoides** Pierce 30-29

*irregularis* Tanner 34-285 Utah

<sup>1</sup> Schaffer—33.

<sup>28</sup> Probably valid species, Schaffer—33.

<sup>29</sup> Spæth—36.

<sup>30</sup> To follow *Mettriona*, Spæth—36.

<sup>31</sup> Bridwell & Bottimer—33; Bottimer—36 and 37.

<sup>1</sup> Transferred from *Eupsalis* (or *Platysystrophus*) by Buchanan—39.

<sup>2</sup> This name used by Zimmerman—36 and Wolfrum—38.

<sup>3</sup> Transferred from *Tropideres* by Wolfrum—38.

## CURCULIONIDÆ

Acmaegenius<sup>9</sup>

\* \* \*

(Auletes Schönh., not North American)<sup>4</sup>

- Auletobius** Desbr. 68-396<sup>4,5</sup>  
 (Metopon Waterh. 42-lxii)<sup>4</sup>  
 (Involvulus Schrank 98-476)<sup>4</sup>  
 (Auletes of authors)<sup>4</sup>  
**AULETOBIUS** (s.str.)<sup>4</sup>  
 congruus Walk. 66-331<sup>4,5</sup> Ida-Neb.-Colo.  
 subcœruleus Lec. 76-4<sup>5</sup>  
**MESAULETES** Voss 33-116<sup>6</sup>  
 nasalis Lec. 76-412<sup>4,5</sup> Cal.  
 humeralis Boh. 59-117<sup>4,5</sup> Cal.  
 rufipennis Pierce 09-327<sup>5</sup>  
 albovestita Bl. & Leng 16-54<sup>4,5</sup> N.A.  
**ALLETINUS** Desbr. 08-79<sup>4,6</sup>  
 (Nemonus Desbr. 08-13)<sup>5</sup>  
 ater Lec. 76-4<sup>4</sup> Mass.-Tex.-Ont.

\* \* \*

- ?cassandrae Lec. 76-5<sup>6</sup> N.A.  
 ?laticollis Csy. 88-233<sup>6</sup> Cal.  
 ?blatchleyi Voss 35-240<sup>6</sup> Fla.  
 minor Blatch. 22-98<sup>6</sup>  
 ?viridis Pierce 09-327<sup>6</sup> Cal.

**Deporans** Leach 19-201

- (Platyrhynchus Thunb. 15-123)<sup>7</sup>  
**HYPODEPORANUS** Voss  
 [23-388<sup>7</sup>  
 glastinus Lec. 57-52<sup>7</sup> Colo. Ariz. Cal.  
 [Wash.

**Rhynchites** Schneid. 91-82<sup>7</sup>

- HAPLORHYNCHITES**<sup>7</sup>  
 eximius Lec. 76-413<sup>7</sup> Colo. Ariz.  
 æneus Boh. 29-22<sup>7</sup> Can. Fla. Ore.  
**INVOLVULUS** Schrank 98-475<sup>7</sup>  
 hirtus Fabr. 01-421<sup>7</sup> Mass. Fla. Mich.  
 consobrinus Voss 38-159<sup>7</sup> N.A.  
**RHYNCHITES** (s.str.)<sup>7</sup>  
 velatus Lec. 80-216<sup>7</sup> Cal.

**Corigetus** Desbr. 73-662

- castaneus Røelofs 73-168<sup>8</sup> Asla, N.Y.

**Brachyrhininae**

(Otiiorhynchinae)

**Trichalophus**<sup>9</sup>

- seminudus VanD. 38-7 Colo.

**Plinthodes**<sup>9</sup>**Triglyphulus** Ckll. 06-243<sup>9</sup>

- \* ater Lec. 76-117 Cal.  
 nevadensis VanD. 38-8 Nev.

<sup>4</sup> Voss—33.<sup>5</sup> Revision of genus, Voss—34.<sup>6</sup> Doubtful species, Voss—35.<sup>7</sup> Voss—38.<sup>8</sup> Davis—35.<sup>9</sup> Transferred from Alophini, Wilcox & Davis—35.**Sapotes**

- longipilis VanD. 34-175 Ariz.

**Eupagoderes**

- huachucae VanD. 34-180 Ariz.  
 halli VanD. 34-181 Ariz.  
 simulans VanD. 34-176 Tex.  
 decipiens Lec. 53-445  
 dunniannus Csy. 88-240<sup>10</sup> Colo. Ut.  
 ocellatus VanD. 34-177 Ariz.  
 setosus VanD. 34-179

**Cimbocera** Horn 76-55<sup>11</sup>

- \* cinerea VanD. 35-1<sup>11</sup> Colo.  
 cazieri VanD. 36-73  
 pauper Horn 76-56<sup>11</sup> Dak. Wyo. Mont.  
 conspersa Fall 07-261<sup>11</sup> Mont.-N.M.-  
 sericea Pierce 13-379<sup>11,12</sup> [Ariz.  
 robusta VanD. 35-2<sup>11</sup> Cal.

**Paracimbocera** VanD. 38-1

- \* atra VanD. 38-2 Nev.

**Miloderoides** VanD. 36-74

- \* maculatus VanD. 36-76 Ida.  
 argenteus VanD. 35-4<sup>13</sup> Colo.  
**Lepidopus** VanD. 36-76  
 \* nevadicus VanD. 36-77 Nev.  
 parvulus VanD. 36-78 Ida.

**Dichoxenus**

- setosus Blatch. 16-103<sup>14</sup> Ind. Mo.

**Pseudorimus** VanD. 34-182

- \* granicollis VanD. 34-183 Ariz.  
 gravicollis VanD. 34-185  
 orbicollis VanD. 34-184 N.Mex.

**Crocidema** VanD. 34-185

- \* californica VanD. 34-187 Cal.  
 nigrior VanD. 34-188 Ariz.  
 planifrons VanD. 34-189 Ariz.  
 attenuata VanD. 34-190 Utah  
 albovestita VanD. 34-190 Ariz.

**Melanolemma** VanD. 35-5

- montana VanD. 35-5 Colo.

**Peritaxia** Horn 76-46

- (Parataxia VanD. 36-79)  
 uniformis VanD. 36-79 Ariz. Colo.  
 brevipilis VanD. 35-6 Ariz.

<sup>10</sup> Van Dyke—34.<sup>11</sup> Revision of genus, Van Dyke—35.<sup>12</sup> Listed as variety by Van Dyke in 1934.<sup>13</sup> Described in *Miloderes*, Van Dyke—35.<sup>14</sup> Transferred from *Anametis*, Van Dyke—34.

**Dyslobus** Lec. 69-380 <sup>15</sup>

- (*Amnesia* Horn 76-48) <sup>16</sup>
- (*Thricomigus* Horn 76-48) <sup>16</sup>
- (*Metamorphus* Horn 76-40) <sup>19 16</sup>
- seguis Lec. 57-56 Cal. Ore.
- lecontei Csy. 95-811 Cal-Wash.
- simplex VanD. 33-37 Ore-Wash.
- verrucifer Csy. 95-812 Ida-B.C.
- bituberculatus* Pierce 13-388 <sup>15</sup>
- denticulatus Pierce 13-388 Cal.
- alepidotus Ting 37-79 Cal.
- granicolis Lec. 69-380 B.C.-Cal.
- sculptilis* Csy. 88-250 <sup>15</sup>
- discors* Csy. 95-814 <sup>15</sup>
- debilis* Csy. 95-815 <sup>15</sup>
- s.tumidus* Csy. 95-813 <sup>15</sup> Cal.
- s.vestitus* VanD. 33-39 Cal.
- viridescens VanD. 33-33 Ore.
- squamipunctatus Pierce 09-350 Cal.
- wilcoxi VanD. 33-40 Ore.
- decoratus Lec. 69-381 Cal-B.C.
- ursinus Horn 76-51 Ore.
- raucus Horn 76-51 Cal. Vanc.
- ciliatus* Pierce 13-385 <sup>15</sup>
- tanneri VanD. 33-42 Utah
- wasatchensis Tanner 38-147 Utah
- argillous VanD. 35-7 Utah
- remotus VanD. 33-3 Ore.
- blaisdelli VanD. 33-42 Cal.
- bakeri VanD. 33-43 Cal.-Wash.
- luteus Horn 76-48 Colo. Mont. Wash.
- granulatus Csy. 88-248 Cal. Ore.
- deciduus Horn 76-52 Cal.
- sordidus Horn 76-52 Cal.
- elongatus* Horn 76-53 <sup>15</sup>
- alternatus Horn 76-52 Mont. Alb.
- [Wash. Cal.
- tessellatus Csy. 88-249 Cal.
- franciscanus VanD. 33-45 Cal.
- nigrescens Pierce 13-384 Wash.
- niger Horn 76-40 Nev.
- dolorosus VanD. 33-46 Cal.

**Adaleres**

- flandersi VanD. 35-8 Cal.

**Panscopus** Schönh. 42-266 <sup>17</sup>**PANSCOPUS** (s.str.)

- alternatus Schffr. 08-214 N.C.Ga.W.Va.
- erlanceus Say 31-12 N.H.-Va.-Wis.
- carinatus* Pierce 13-398 <sup>17</sup>
- impressus Pierce 13-395 S.E.St.
- s.thoracicus* Buch. 36-4 N.C.
- alternatus* Pierce 13-394 <sup>17</sup>
- PARAPANSCOPUS** Buch. 36-
- [5 <sup>17</sup>
- maculosus Blatch. 16-105 N.Y.-Ky.-Ia.
- ovatipennis Buch. 36-6 Ont.
- s.verrucosus* Buch. 36-7 Pa.
- PHYMATINUS** Lec. 69-382 <sup>17</sup>
- gemmatus Lec. 57-56 Cal.-Wash.

**NOCHELES** Lec. 74-453 <sup>17</sup>**(Panscopideus** Pierce 13-  
[394] <sup>17</sup>

- torpidus Lec. 57-55 Wash. Ore.
- squamosus Pierce 13-394 Ore.
- v.dentipes* Pierce 13-395 <sup>17</sup> Wash.
- micelbacheri Ting 38-121 Cal.
- DOLICHONOTUS** Buch. 36-9 <sup>17</sup>
- convergens Buch. 36-10 Ore.
- oregonensis Buch. 36-11 Ore.
- PSEUDOPANSCOPUS** Buch.
- [27-33 <sup>17</sup>
- costatus Buch. 27-33 B.C. Wash.
- NEOPANSCOPUS** Pierce 13-
- [397 <sup>17</sup>
- æqualis Horn 76-55 Kan.-Alb.-B.C.-Cal.
- cinereus* Horn 76-55 <sup>17</sup>
- vestitus* Csy. 88-251 <sup>17</sup>
- squamifrons Pierce 13-397 Cal.
- wickhami Buch. 36-13 Cal.
- NOMIDUS** Csy. 95-818 <sup>17</sup>
- johnsoni VanD. 35-9 Wash.
- bufo Buch. 27-31 Cal.
- abruptus Csy. 95-819 Cal. Wash.
- rugicollis Buch. 27-31 Wash. Ore.
- schwarzi Buch. 27-30 Ut. Ida.
- longus Buch. 36-16 Wash.
- pallidus Buch. 27-31 B.C. Wash. Mont.
- tricarlnatus Buch. 27-32 Ore.
- bakeri Buch. 36-17 Wash.
- ovalis Pierce 13-396 Alb.

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- coloradensis VanD. 36-80 Colo.

**Tanymecus**

- texanus VanD. 35-86 Tex.

**HORMORINI** <sup>18</sup>**Hormorus** <sup>18</sup>

- Agasphærops** Horn 76-24 <sup>18</sup>
- nigra Horn 76-25 Cal.
- sulcistrostris* Pierce <sup>19</sup>

- Lupinocolus** VanD. 36-81 <sup>18</sup>
- blaisdelli VanD. 36-82 Cal. Nev.

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**Mitostylus**

- elongatus VanD. 36-83 Tex.

**Epicarus** Schönh. 34-323

- (*Melbonus* Csy. 95-820) <sup>19</sup>
- scapalis Csy. 95-821 <sup>19</sup> Ariz.
- denticulatus* Pierce 09-350 <sup>19</sup>
- uniformis Tanner 34-287 Utah

<sup>18</sup> Revision of new tribe in Brachyrhininae, Van Dyke—36.

<sup>19</sup> Transferred from *Panscopus* (*Phymatinus*). Buchanan—36.

<sup>15</sup> Van Dyke—34.

<sup>16</sup> Revision of genus, Van Dyke—33.

<sup>17</sup> Used also as subgenera, Van Dyke—33.

<sup>18</sup> Revision of genus, Buchanan—36.



- Mimetes* Schönh. 47-23<sup>11</sup>  
 \* (*Amotus* Csy. 88-237)<sup>10 11</sup>  
 (*Stamoderes* Csy. 88-237)<sup>10 11</sup>  
*setulosus* Schönh. 63-40 Cal.  
*gracilior* Csy. 88-245<sup>11</sup>  
*longisternus* Csy. 88-244<sup>11</sup>  
*uniformis* Csy. 88-237 Cal.  
*longipennis* Pierce 09-348 Cal.  
*seniculus* Horn 76-45 Cal.  
*lanei* VanD. 35-86 Wash. Ore.  
*lasalanus* Tanner 34-287 Utah  
*Pantomorus* Schönh. 39-942<sup>20</sup>  
*GRAPHOGNATHUS* Buch. 39-  
 [11]<sup>20</sup>  
*leucoloma* Boh. 40-62<sup>21</sup> S.A. Australia,  
 [Fla.-La.  
*peregrinus* Buch. 39-14 Miss.  
*ATRICHONOTUS* Buch. 39-15<sup>20</sup>  
*tæniatulus* Berg 81-61 Fla.-Tex. S.A.  
*texanus* Pierce 11-49 (Artipus)<sup>20</sup>  
*ASYNONYCHUS* Cr. 67-388<sup>20</sup>  
 (*Aramigus* Horn 76-93)<sup>20</sup>  
 (*Aomopactus* Jekel in Horn  
 [76-94])<sup>20</sup>  
*godmani* Cr. 67-389 N.A. S.A. C.A.  
*fulleri* Horn 76-94<sup>20</sup> [Africa, Orient,  
*okindæ* Perkins 00-130<sup>20</sup> [Eur.  
*ovulum* Jekel, Hust. 22-100<sup>20</sup>  
*?subvittatus* Fairm. & Germ. 61-7<sup>20</sup>  
*tessellatus* Say 24-318 Ill.-Okla. Kan.  
*sublineatus* Dej. 37-289<sup>20</sup>  
*?durius* Boh. 40-27<sup>20</sup>  
*?candida* Horn 07-248<sup>20</sup>  
*pallidus* Horn 76-94 Ill.-Tex.-Colo.  
*?durius* Boh. 40-27<sup>20</sup>  
*?candida* Horn 07-248<sup>20</sup>  
*PHACEPHOLIS* Horn 76-95<sup>20</sup>  
*elegans* Horn 76-95  
*v.elegans* (s.str.) Neb.-Tex.-Cal.  
*metallicus* Pierce 13-417<sup>20</sup>  
*v.viridis* Pierce 09-361<sup>20</sup> Tex. Mex.  
*v.pallidulus* VanEmd. 36-28<sup>20</sup> Tex.  
*pallidus* || Pierce 10-363<sup>20 22</sup>  
*v.eximius* Buch. 39-32<sup>20</sup> Tex.  
*texanellus* Buch. 39-36 Tex.  
*texanus* || Pierce 13-417<sup>20</sup>  
*candidus* Horn 76-97 Kan.-S.D.-Mont.-  
*nebraskensis* Pierce 13-416<sup>20</sup> [Colo.  
*planitlatus* Buch. 39-36 Neb.-N.M.-Mont.  
*obscurus* Horn 76-96 Kan.-Tex.  
*Mesagroicus*  
*elongellus* VanEmd. 36-30 Ore.  
*elongatus* Buch. 29-10<sup>22</sup>  
*v.nevadicus* Buch. 29-11<sup>22</sup> Nev.  
*v.incertus* Buch. 29-11<sup>22</sup> Wash.  
*Cryptolepidus* VanD. 36-191<sup>23</sup>  
 (*Lepidopus* VanD. 36-76)  
*Trigonoscutea*<sup>24</sup>  
*imbricata* VanD. 36-83 Cal.  
*Thysanocorynus* VanD. 38-5<sup>24</sup>  
*aridus* VanD. 38-6 Cal.  
*Stereogaster* VanD. 35-84<sup>25</sup>  
*globosa* VanD. 36-85 Cal.  
*Otiorrhynchus*  
*arcticus* Fabr. 80-188<sup>26</sup> Greenl. Lapl.  
*Sciopithes* Horn 76-62<sup>27</sup>  
 \* *obscurus* Horn 76-63 B.C.-Cal.  
*significans* Csy. 88-255<sup>27</sup>  
*brumalis* Csy. 88-256<sup>27</sup>  
*angustulus* Csy. 88-257<sup>27</sup>  
*arcuatus* Csy. 88-257 Cal.  
*intermedius* VanD. 35-90 Cal.  
*insularis* VanD. 35-90 Cal.  
*sordidus* VanD. 35-91 Cal.  
*setosus* Csy. 88-258 Cal.  
*Myllocerus* Schönh. 26-178<sup>28</sup>  
*castaneus* Røelofs 73-168<sup>29</sup> Jap. Sib.  
 [?N.A.  
*Trachypylæus*  
*bifoveolatus* Beck 17-22<sup>30</sup> Eur. N.S.  
 [N.B. N.Y.  
*davisi* of authors (not Blatch.)<sup>30</sup>  
*Paraptochus* Seidl. 68-35<sup>11</sup>  
 \* *sellatus* Boh. 59-126 Cal.  
*setiferus* VanD. 35-93 Cal.  
*uniformis* VanD. 35-95 Cal.  
*Stenoptochus*  
*vanduzeei* VanD. 35-95 Cal.  
*Omius*  
*albus* VanD. 35-96 Wash.  
*Anchitelus* VanD. 36-19<sup>31</sup>  
*alboviridis* VanD. 36-19 Cal.  
*Peritelinus* Csy. 88-263  
 \* *erinaceus* VanD. 36-20 Cal.  
*variegatus* Csy. 88-263 Cal.  
*oregonus* VanD. 36-21 Ore.  
<sup>23</sup> Subfamily Brachyrhininae, Van Dyke—36.  
<sup>24</sup> Tribe Trigonoscutini, Van Dyke—36.  
<sup>25</sup> Tribe Calyptrillini, Van Dyke—36.  
<sup>26</sup> Henriksen—35.  
<sup>27</sup> Revision of genus, Van Dyke—35.  
<sup>28</sup> To follow *Neoptochus*.  
<sup>29</sup> Authority not known.  
<sup>30</sup> Buchanan—37.  
<sup>31</sup> To follow *Periteloides* in tribe Simoini, Van Dyke—36.

<sup>10</sup> Van Dyke—34.<sup>11</sup> Revision of genus, Van Dyke—35.<sup>20</sup> Revision of genus, Buchanan—39.<sup>21</sup> First reported in genus *Naupactus*, Watson—37.

etc.

<sup>22</sup> Von Dalla Torre & Van Emden—36.

- Nemocestes** VanD. 36-22<sup>32</sup>  
 • (*Geoderces* Horn 76-70)<sup>32</sup>  
 horni VanD. 36-25 Mich. Kan. N.Y.  
*melanothrix* of Horn 76-71<sup>32</sup>  
*incomptus* Horn 76-72 B.C.-Cal. Wyo.  
*longulus* VanD. 36-26 Cal.  
*sordidus* VanD. 36-26 Cal.  
*montanus* VanD. 36-27 Cal.-Wash.  
*puncticollis* Csy. 88-264 Cal.  
*tuberculatus* VanD. 36-28 Cal.  
*kæbelei* VanD. 36-183 Cal.  
*kæbeli* VanD. 36-29 Cal.  
*expansus* VanD. 38-4 Cal.
- Aragnomus**  
*setosus* VanD. 36-30 Cal.
- Eucyllus** Horn 76-74<sup>33</sup>  
 • (*Eucyllus* VanD. 36-31)<sup>33</sup>  
*vagans* Horn 76-74 Ariz. Cal.  
*echinus* VanD. 36-31 Cal.  
*unicolor* VanD. 36-32 Cal.
- Sitona**  
*cylindricollis* Fahr. 40-269<sup>34 35</sup> Eur.  
 [Vt. Ont.  
*lineatus* Linn. 58-385<sup>36</sup> Eur. B.C.  
*cockerelli* Blais. 38-31 [San Miguel Id. L. Cal.
- Lepidophorus** Kby. 37-201<sup>37</sup>  
 • (*Lophalophus* Lec. 76-120)<sup>37</sup>  
*inquinatus* Mannh. 52-351 Alaska  
*rainleri* VanD. 30-149 Wash.  
*angulatus* Buch. 36-4 Ida. Wash.  
*plumosus* Buch. 36-6 Colo.  
*lineaticollis* Kby. 37-201 Y.T. Can. Alas.  
*pumilus* Buch. 36-7 B.C.  
*bakeri* Buch. 36-8 Wash.  
*s.utensis* Buch. 36-10 Utah  
*alternatus* VanD. 30-150 Wash. Ore.  
*setiger* Hamilt. 95-347 N.Y.-Va. St. Vinc.
- Lepyrus**<sup>38</sup>  
*labradorensis* Blair 33-96 Arctic N.A.  
*colon* of Harring. 38  
*nordenskiöldi* Faust. 85-34  
*s.cæsius* Csiki 34-7  
*cinereus* || VanD. 28-55<sup>39</sup>
- Listroderes**  
*obliquus* Klug 29-? S.A. Miss. Cal.  
*obliquus* Gyll. 34-277<sup>40 41</sup> [Afr.  
*novica* French 08-? 40 [Australia  
*costirostris* of authors<sup>40</sup>
- Hylobius** Germ. 17-340<sup>42</sup>  
 • congener DallaT., Sch. & Marsh. 32-  
 [15 Mass.-Alas.  
*confusus* || Kby. 37-196<sup>43</sup>  
*pales* Hbst. 97-31 Can.-Fla.-Tex.-Minn.  
*radicis* Buch. 34-252 N.Y. Minn.
- Cholus** Germ. 24-212<sup>44</sup>  
 • *catoleucus* Chev. 81-482 N.A.  
*cattleyæ* Champ. 16-201 S.A. Wis. D.C.  
*cattleyarum* Barber 17-178<sup>45</sup> [N.J.  
*forbesi* Pasc. 76-xxx S.A. N.J.
- Smicronyx**  
*dietzi* Klima 34-95 N.J. D.C. Ind.  
*nebulosus* || Dietz 94-157<sup>46</sup>  
*fallaciosus* Klima 34-95 Tex. Kan.  
*fallax* || Dietz 94-157<sup>46</sup>  
*albidosquamosus* Klima 34-94 Ariz.  
*albosquamosus* || Dietz 94-168<sup>46</sup>
- Sthereus** Mots. 45-374<sup>47</sup>  
 • (*Trachodes* of authors, not Grm.)<sup>47</sup>  
*ptinoides* Germ. 24-327 B.C.-Alas.  
*quadrituberculatus* Mots. 52-355 Cal.-  
 [Alas.  
*multituberculatus* Buch. 36-179 Ore.-  
 [Alas.
- Lobosoma** Buch. 36-180<sup>48</sup>  
 • (*Aparapion* of authors)<sup>48</sup>  
*horridum* Mannh. 52-354 Ore.-Alas.
- Gastrotaphrus** Buch. 36-180<sup>49</sup>  
 • *barberi* Buch. 36-181 Cal.-B.C.
- Thysanocnemis**  
*caseyi* Klima 34-3 Nebr.  
*brevis* || Csy. 10-129<sup>50</sup>
- Magdalis**  
*piceæ* Buch. 34-85 Mass. N.H.
- Anthonomus**  
*blatchleyi* Schenk. & Marsh. 34-40 Fla.  
*australis* || Blatch. 25-98<sup>51</sup>  
 17207, for 43-232 read 33-232<sup>52</sup>  
*univestus* Schenk. & Marsh. 34-51 Fla.  
*uniformis* || Blatch. 16-300<sup>53</sup>
- Epimechus**  
*arenicolor* Fall 01-265 Ariz.  
*baccharidis* Plerce 08-178 (Anthono-  
 [mus])<sup>54</sup>
- Rhynchænus** Clair.-Sch. 98-70  
 (*Orchestes* Ill. 98-498)<sup>55</sup>

<sup>32</sup> Revision of genus, Buchanan—36.<sup>33</sup> Buchanan—37.<sup>34</sup> Revision of genus, Van Dyke—36.<sup>35</sup> Revision of genus, Van Dyke—36.<sup>36</sup> Buchanan in litt.<sup>37</sup> Cæsar—36.<sup>38</sup> Downes—38.<sup>39</sup> Belongs in Cleonine according to Marshall—32 (p. 344).<sup>40</sup> Brown—37.<sup>41</sup> Csiki—34.<sup>42</sup> Placed as synonyms of *costirostris* by Essig—33.<sup>43</sup> Revision of genus, Buchanan—36.<sup>44</sup> Revision of genus, Buchanan—34.<sup>45</sup> Revision of genus, Klima—36.<sup>46</sup> Klima—34.<sup>47</sup> To follow *Lobosoma* in Trachodini, Buchanan—36.<sup>48</sup> Schenkling & Marshall—34.<sup>49</sup> Chamberlin in litt.<sup>50</sup> Fall—34.<sup>51</sup> Buchanan—39.

**Gymnætron** Schönh. 26-519<sup>49</sup>

- \* antirrhini Payk. 00-257 Mass.-N.J.  
 netum Germ. 21-307 Conn.-Va.-Ia.  
 teter Fabr. 01-448 Can.-Ga.-Tex.-Wash.

**Cleonus** Schönh. 26-145**DINOCLEUS** Csy. 91-176

- capillosus Csiki 34-66 Cal.  
 pilosus || Lec. 76-145<sup>50</sup>  
 structor Csiki 34-67 Cal. Ariz.  
 molitor || Lec. 58-78<sup>50</sup>

**CLEONIDIUS** Csy. 91-176

- (*Apleurus* Chev. 73-78, part<sup>50</sup>)  
 americanus Csiki 34-64 Cal.  
 basalis || Fall 97-242<sup>50</sup>  
 placidus Csiki 34-65 Cal.  
 pacificus Fall 01-260<sup>50</sup>  
 coloradensis Csiki 34-64 Colo.  
 canescens || Lec. 76-151<sup>50</sup>  
 lecontellus Csiki 34-64  
 carinicolis || Lec. 76-152<sup>50</sup>  
 stratus Csiki 34-65 Colo.  
 sparsus || Lec. 76-152<sup>50</sup>

**Lixus**

- blatchleyi Csiki 34-120 Mich.  
 cavicollis || Blatch. 22-113<sup>50</sup>

**Baris**

- caseyi Hust. 38-51 Colo. Tex. La.  
 vagans || Csy. 20-318<sup>51</sup>  
 blatchleyi Hust. 38-51 Fla.  
 australis || Blatch. 20-168<sup>51</sup>  
 lengi Hust. 38-54 Ont.  
 carbonaria || Bl. & Leng 16-356<sup>51</sup>

**Cosmobaris** Csy. 20-344<sup>52</sup>

- \* scolopacea Germ. 24-202<sup>52 53</sup> R.I.-Ia.  
 americana Csy. 20-344<sup>53 54</sup> [Eur.  
 squamiger Hayes 36-27<sup>53 54</sup>  
 sionilli Hayes 36-28<sup>53 54</sup>

**Orchidophilus** Buch. 35-45<sup>55</sup>

- \* (*Acythopeus* of authors)<sup>55</sup>  
 peregrinator Buch. 35-46 Hawaii, P.I.  
 [D.C.  
 gilvonotatus Barber 17-17 Orient, D.C.  
 [Cal.  
 orchivora Blackb. 00-61 N.J.

**Acanthoscelis**

- utahensis Tanner 34-48 Utah

**Ceutorhynchus**

- assimilis Payk. 00-257<sup>56</sup> Eur. Wash.  
 punctiger Gyll. 37-538 Eur. Que.-N.J.-  
 marginatus of authors<sup>50</sup> [Ind.  
 americanus Buch. 37-205 Que.-Md.-  
 cyanipennis of authors<sup>50</sup> [Tex.-B.C.

**Perigaster**

- lituratus Dietz 96-457 Ont.- N.J.-Ia.  
 longirostris Buch. 31-323<sup>50</sup> [Wash.

**Phytobius** Schönh. 36-458<sup>49</sup>

- \* (*Pelonomus* Thoms. 59-138)<sup>49</sup>  
 17827 to 17834, belong here

(*Eubrychius* Thoms., not No. Amer.)<sup>50</sup>

**Litodaetylus** Redt. 49-399

- \* griseomicans Schw. 91-165<sup>49</sup> Wis.-Kan.-  
 [Wash.

**Eubrychiopsis** Dietz 96-474<sup>49</sup>

- \* lecontei Dietz 96-475 Mich. Wis. Ia.  
 albertanus Brown 32-11 B.C.-Alb.

**Collabismodes** Champ. 05-541<sup>55</sup>

- \* cubæ Boh. 44-342<sup>55</sup> Cuba, Fla.  
 ater Blatch. 28-238<sup>57</sup> Fla.

**Conotrachelus** Schönh. 37-392

- (*Loceptes* Csy. 10-130)<sup>50</sup>  
 recessus Csy. 10-130 Kan. Okla. Ark.  
 atokanus Fall 13-65<sup>50</sup> [Tex.

**Euscepes**

- postfasciatus Fairm. 49-513 (Crypto-  
 [rhynchus)<sup>48</sup> Cal. Tropics  
 batatae Waterh. 49-LXIX<sup>48</sup>

**Sternochetus** Pierce 17-143

- (*Cryptorhynchidius* Pierce 19-25)<sup>48</sup>  
 mangiferae Fabr. 75-139 (Cryptorhyn-  
 [chus)<sup>48</sup> E. Ind. Fla.  
 lapathi Linn. 46-591 (Cryptorhynchus)<sup>48</sup>  
 [Eur. N.A.

**Cossonus**<sup>55</sup>

- americanus Buch. 36-112 Que.-Cal.-  
 [Wash.  
 subareatus of authors (part)<sup>57</sup>  
 pacificus VanD. 16-74 Ariz.-Cal.-  
 [B.C. Que.  
 rufipennis Buch. 36-114 Kans. Dak. Mo.  
 subareatus of authors (part)<sup>57</sup>

**Sitophilus** Schönh. 38-979

- (*Calandra* of authors)<sup>58</sup>  
 (*Calendra* of authors)<sup>59</sup>  
 dietrichi Satt. 33-210 Miss. Ala.  
 lucedalensis Satt. 33-212 Miss.

## PLATYPODIDÆ

**Platypus**

- blanchardi Chap. 66-185<sup>50</sup> Fla.  
 18168, for 15-48 read 16-97<sup>48</sup>

<sup>49</sup> Revision of genus, Buchanan—37.

<sup>50</sup> Csiki—34.

<sup>51</sup> Hustache—38.

<sup>52</sup> Revision of genus, Hayes—36.

<sup>53</sup> Fall—37.

<sup>54</sup> Listed as valid species by Hayes—36.

<sup>55</sup> Revision of genus, Buchanan—35

<sup>56</sup> Baker—36.

<sup>57</sup> Buchanan—37.

<sup>48</sup> Chamberlin in litt.

<sup>49</sup> Buchanan—39.

<sup>51</sup> Junk Cat. p. 151, p. 210.

<sup>52</sup> Revision of pacificus-group, Buchanan—36.

<sup>53</sup> Satterthwait in litt.

<sup>54</sup> Valid species, Schedl—33.

## SCOLYTIDÆ

Scolytus Geoffr. 62-310 <sup>61</sup>

- (*Eccoptogaster* Hbst. 93-124) <sup>61</sup>
  - rugulosus Ratz. 37-187 Eur. N.A.
  - muticus Say 24-323 E.U.S.
  - fagi Walsh 67-38 Ill. Tex.
  - sulcatus Lec. 68-167 Conn.-N.J.
  - reflexus Blackm. 34-13 Ariz.
  - wickhami Blackm. 34-13 Colo. N.M.
  - [Ar. Ut.]
  - tsugæ Sw. 17-32 Cal.-B.C.-Alb.
  - monticolæ Sw. 17-32 Or.-B.C.-Wyo.
  - quadrispinosus Say 24-323 N.A.
  - caryæ* Riley 67-? <sup>61</sup>
  - subscaber Lec. 76-371 Cal.-B.C.
  - oregoni Blackm. 34-18 Ore.
  - robustus Blackm. 34-19 Colo. N.M.
  - [Ar. Ut.]
  - præceps Lec. 76-371 Cal.-Tex.
  - opacus Blackm. 34-20 Colo. Ut. Mont.
  - abietis Blackm. 34-21 Ida.
  - ventralis Lec. 68-167 B.C.-Cal.
  - [N.M.-Mont.]
  - scolytus Fabr. 75-59 Eur. ?U.S.
  - californicus* Lec. 68-165 <sup>61</sup>
  - sobrinus Blackm. 34-23 Wash. Or. Wyo.
  - laricis Blackm. 34-24 Ida. Mont.
  - fiskei Blackm. 34-25 N.M. Colo.
  - unispinosus Lec. 76-371 Cal.-B.C.
  - piceæ Sw. 10-34 Que.-N.Y.-Mont.
  - multistriatus Marsh. 02-54 Eur. Mass.-
  - [Pa.]

Hylesininæ <sup>63</sup>Crypturgus <sup>62</sup>Dolurgus <sup>62</sup>Polygraphus <sup>62</sup>Carpoborus <sup>63</sup>

- cressatyi Bruck 36-36 Cal.
- vandykei Bruck 33-104 Cal.
- swainei Bruck 33-105 Cal.

Renocis <sup>62 63</sup>

- penicillatus Brown 33-239 Cal.

## Pseudoeryphalus

- maclayi Bruck 36-35 Cal.

Chramesus Lec. 68-168 <sup>62 63</sup>

- (*Rhopalopleurus* Chap. 69-46) <sup>63</sup>
- hicoriæ Lec. 68-168 Can.-Ga.-Miss.
- icoriæ* Lec. 76-375 <sup>63</sup>
- lecontei* Chap. 69-46 <sup>63</sup>
- asperatus Schffr. 08-220 Ariz.
- subopacus Schffr. 08-221 Tex. Ariz.
- canus Blackm. 38-541 La.
- gibber Blackm. 38-541 N.Mex.
- chapolisil Lec. 76-375 Pa.-Fla.-Tx.-Kan.
- dentatus Schffr. 08-221 Ariz.
- mimosæ Blackm. 38-544 Tex. Mex.

Phthorophlæus <sup>62</sup>Tomieus <sup>62</sup>Dendroctonus <sup>62</sup>Phlæosinus <sup>62</sup>

- piceæ Sw. 34-205 Que.
- granulatus Bruck 36-33 Cal.
- setosus Bruck 33-54 Cal.
- frontalis Bruck 33-55 Cal.
- swainei Bruck 33-56
- minutus* | Sw. 17-9 <sup>64</sup>

Chaetophlæus <sup>62</sup>Xylechinus <sup>62</sup>Leperisinus <sup>62</sup>Dendrosinus <sup>62</sup>Sciurus <sup>62</sup>Hylastinus <sup>62</sup>Alniphagus <sup>62</sup>Hylurgopinus <sup>62</sup>Pseudohylesinus <sup>62</sup>

- serratus Bruck 36-37 Cal.

Hylurgops <sup>62</sup>Hylastes <sup>63</sup>

- porculus Er. 36-49 E.N.A.
- granosus* Chap. 69-73 <sup>63</sup>
- scaber* Sw. 17-18 <sup>64</sup>
- swainei Egg. 34-25 E.Can. Minn.
- porculus* of Sw. 18-78 <sup>65</sup>

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<sup>61</sup> Revision of genus, Blackman—31.<sup>62</sup> Rearrangement of genera in subfamily Hylesininae, Bruck—36.<sup>63</sup> Revision of genus, Blackman—38.<sup>64</sup> Bruck—33.<sup>65</sup> Egger—34.

**Pseudothysanoes** Blackm. 20-46 <sup>46</sup>

- *hopkinsi* Blackm. 28-200 Cal.
- partoni* Bruck 36-32 Cal.
- drakei* Blackm. 20-48 N.Y.
- rigidus* Lec. 76-362 Can. Mich.
- sulcatus* Bruck 36-33 Cal.
- phorodendri* Blackm. 28-202 Tex. Ariz.
- lecontei* Blackm. 20-49 D.C.
- sedulus* Blackm. 28-204 Ariz.
- gambetti* Blackm. 28-205 Ariz. N.M.
- barberi* Blackm. 28-206 Ariz.

**Cactopinus** Sz. 99-11 <sup>63</sup>

- *hubbardi* Sz. 99-11 Ariz.
- pini* Blackm. 38-153 Cal.
- rhois* Blackm. 38-154 Cal.
- koebelei* Blackm. 38-156 Cal.

**Pterocyclus** Eich. 68-276 <sup>61</sup>

- obliquecaudatum* Schedl 35-351 Cal.

**Hypothenemus**

- citri* Ebeling 35-21 Cal.

<sup>66</sup> Revision of genus, Bruck—36.<sup>67</sup> Used as valid genus by Schedl—35.**Cryphalus**

- 18374, for Cal. read Ore.<sup>68</sup>
- 18375, for Cal. read Ore.<sup>68</sup>

**Gnathotrichus**

- 22039, for Colo. read B.C. Wash.<sup>69</sup>
- 22040, for B.C. Wash. Ore. Cal. read [S.D. Colo.]

**Ancyloderes** Blackm. 38-205 <sup>70</sup>

- \* *pilosus* Lec. 68-154 Cal.
- pilosulus* Lec. 68-166 <sup>71</sup>
- saltoni* Blackm. 38-206 Ariz.

**Ips**

- montanus* Eichh. 81-219 <sup>72</sup> Cal. or Tex.

**Xyleborinus**

- tsugæ* Sw. 34-204 B.C.
- librocedri* Sw. 34-205 Ore.

<sup>68</sup> Chamberlin in litt.<sup>69</sup> H. B. Leech in litt.<sup>70</sup> To follow *Pseudopityophthorus*.<sup>71</sup> Blackman—38.<sup>72</sup> Eggers—34.

## ADDITIONAL NECROLOGY

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Beutenmuller, W., d. February 24, 1934.  
Bolster, P. G., d. May 22, 1932.  
Carr, F. S. b. January 1, 1881; d. May 16, 1934.  
Fenyés, A., b. November 17, 1863; d. February 22, 1937.  
Field, G. H., d. June 12, 1937.  
Handlirsch A., d. August 28, 1935.  
Horn, W., d. July 10, 1939.  
Johnson, C. W., d. July 19, 1932.  
Kellogg, V. L., b. December 1, 1867; d. August 8, 1937.  
Klages H. G., d. October 26, 1936.  
Nevermann, F., d. July 3, 1938.  
Psota, F. J., d. April 13, 1936.  
Stickney, F. S., b. August 6, 1892; d. August 15 1936.  
Tillyard R. J., d. January 13, 1937.  
Urich, F. W., d. June 22, 1937.  
Wheeler, W. M., d. April 19, 1937.  
Wickham, H. F., b. October 26, 1866; d. November 17, 1933.
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As this supplement goes to press we have word of the passing, on November 14th, 1939, of our most eminent worker on North American Coleoptera,

## HENRY CLINTON FALL.

The publisher, his close friend for fifty years, and his many entomological and other friends feel their loss very deeply, and workers on Coleoptera all over the land will sadly miss his assistance and encouragement.

In spite of severe physical handicaps, patiently endured throughout his lifetime, Dr. Fall accomplished a vast amount of most valuable work on the taxonomy of North American beetles, describing some 1,400 new species—few of which were ever challenged as being synonyms—and his excellent monographic works on various families and genera of these insects are well known and in constant use.

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THIRD SUPPLEMENT TO  
CATALOGUE OF NORTH AMERICAN COLEOPTERA  
DESCRIBED AS FOSSILS

The few fossil beetles described as new in the years 1933 to 1938 inclusive are listed below. Names in brackets were invalid as published. One new abbreviation is used.

Ariz. Trias.                      Chinle Formation, Petrified Forest National Monument,  
Holbrook, Arizona.

**CARABIDÆ**

**Scaphinotus** Dej.

minor Horn 76-243, belongs in subg. *Irichroa* <sup>1</sup>.

<sup>1</sup> Lapouge—32.

wheatleyi Horn 76-242, belongs in subg. *Scaphinotus* <sup>1</sup>.

**Carabus** Linn.

mæander Fisch., belongs in sub. *Eucarabus* <sup>2</sup>.

v.sangamon Wickh., belongs in subg. *Eucarabus* <sup>2</sup>.

<sup>2</sup> Breuning, 32-37.

**Patrobus** Dej. <sup>3</sup>

<sup>3</sup> Revision of genus, Darlington--38.

gelatus Scudd. 90-530 <sup>3</sup>

decessus Scudd. 00-73 <sup>3</sup>

frigidus Scudd. 00-74 <sup>3</sup>

stygius Chd. 71-46 <sup>3</sup>

henshawii Wickh. 17-140

<sup>4</sup> Coleman—33. as valid species.

Tor.<sup>4</sup> Scar. Pleist.

Scar. Tor.<sup>4</sup> Pleist.

Tor.<sup>4</sup> Pleist.

Recent.

Ill. Pleist.

**Elaphrus** Fab.

irregularis Scudd.

Tor.<sup>4</sup> Scar. Pleist.

**Loricera** Latr.

glacialis Scudd.

lutosa Scudd.

exita Scudd.

Tor.<sup>4</sup> Scar. Pleist.

Tor.<sup>4</sup> Scar. Pleist.

Tor.<sup>4</sup> Scar. Pleist.

**Bembidium** Latr.

glaciatum Scudd.

vestigium Scudd.

vanum Scudd.

præteritum Scudd.

damnosum Scudd.

Tor.<sup>4</sup> Scar. Pleist.

Tor.<sup>4</sup> Scar. Pleist.

Tor.<sup>4</sup> Scar. Pleist.

Tor.<sup>4</sup> Scar. Pleist.

Tor.<sup>4</sup> Scar. Pleist.

**Pterostichus** Bon.

abrogatus Scudd.

destitutus Scudd.

fractus Scudd.

destructus Scudd.

gelidus Scudd.

depletus Scudd.

Tor.<sup>4</sup> Scar. Pleist.

Tor.<sup>4</sup> Scar. Pleist.

Tor.<sup>4</sup> Scar. Pleist.

Tor.<sup>4</sup> Scar. Pleist.

Tor.<sup>4</sup> Scar. Pleist.

Tor.<sup>4</sup> Scar. Pleist.

**Platynus** Bon.

casus Scudd.

hindei Scudd.

halli Scudd.

dissipatus Scudd.

desuetus Scudd.

harttii Scudd.

delapidatus Scudd.

exterminatus Scudd.

interglacialis Scudd.

longævus Scudd.

Tor.<sup>4</sup> Scar. Pleist.

Tor.<sup>4</sup> Scar. Pleist.

Tor.<sup>4</sup> Scar. Pleist.

Tor.<sup>4</sup> Scar. Pleist.

Tor.<sup>4</sup> Scar. Pleist.

Tor.<sup>4</sup> Scar. Pleist.

Tor.<sup>4</sup> Scar. Pleist.

Tor.<sup>4</sup> Scar. Pleist.

Tor.<sup>4</sup> Scar. Pleist.

Tor.<sup>4</sup> Scar. Pleist.

**Harpalus** Latr.

conditus Scudd.

Tor.<sup>4</sup> Scar. Pleist.

**DYTISCIDÆ**

<b>Cœlambus</b> Thoms. derelictus Scudd. disjectus Scudd.	Tor. <sup>4</sup> Scar. Pleist. Tor. <sup>4</sup> Scar. Pleist.
<b>Hydroporus</b> Clairv. inanlmatus Scudd. sectus Scudd.	Tor. <sup>4</sup> Scar. Pleist. Tor. <sup>4</sup> Scar. Pleist.
<b>Agabus</b> Leach perditus Scudd.	Tor. <sup>4</sup> Scar. Pleist.

**GYRINIDÆ**

<b>Progyrininus</b> Hatch confinis Lec.	Tor. Pleist. <sup>4</sup>
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**HYDROPHILIDÆ**

<b>Cymhlodyta</b> Bedel extincta Scudd.	Tor. <sup>4</sup> Scar. Pleist.
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**STAPHYLINIDÆ**

<b>Olophrum</b> Er. celatum Scudd. arcanum Scudd. dejectum Scudd.	Tor. <sup>4</sup> Scar. Pleist. Tor. <sup>4</sup> Scar. Pleist. Tor. <sup>4</sup> Scar. Pleist.
<b>Arpedlum</b> Er. stillicidii Scudd.	Tor. <sup>4</sup> Scar. Pleist.
<b>Acidota</b> Mannh. crenata Fabr. v.nigra Scudd.	Tor. <sup>4</sup> Scar. Pleist.
<b>Geodromicus</b> Redt. stirleicii Scudd.	Tor. <sup>4</sup> Scar. Pleist.
<b>Bledius</b> Mannh. glaciatus Scudd.	Tor. <sup>4</sup> Scar. Pleist.
<b>Oxyporus</b> Fabr. stiriacus Scudd.	Tor. <sup>4</sup> Scar. Pleist.
<b>Lathrobium</b> Grav. frustrum Scudd. inhibitum Scudd. debilitatum Scudd. interglaciale Scudd.	Tor. <sup>4</sup> Scar. Pleist. Tor. <sup>4</sup> Scar. Pleist. Tor. <sup>4</sup> Scar. Pleist. Tor. <sup>4</sup> Scar. Pleist.
<b>Cryptobium</b> Mannh. cinctum Scudd. detectum Scudd.	Tor. <sup>4</sup> Scar. Pleist. Tor. <sup>4</sup> Scar. Pleist.
<b>Phllonthus</b> Curt. claudus Scudd.	Tor. <sup>4</sup> Scar. Pleist.
<b>Quedius</b> Steph. deperditus Scudd.	Tor. <sup>4</sup> Scar. Pleist.

## BUPRESTIDÆ

[*Paleobuprestis* Walker 38-138 <sup>5</sup>][*maxima* Walker 37-138 <sup>5</sup>

Ariz. Trias.]

[*minima* Walker 38-139 <sup>5</sup>

Ariz. Trias.]

<sup>5</sup> Walker—38; these names are invalid because they are not based upon specimens of insects but rather upon reputed evidence that the insects once existed.

## CHRYSOMELIDÆ

*Donacia* Fab.*stiria* Scudd.*pompatica* Scudd.Tor.<sup>4</sup> Scar. Pleist.Tor.<sup>4</sup> Scar. Pleist.

## SCOLYTIDÆ

[*Paleoscolytus* Walker 38-139 <sup>5</sup>][*divergus* Walker 38-139 <sup>5</sup>

Ariz. Trias.]

[*Paleoipidus* Walker 38-140 <sup>5</sup>][*perforatus* Walker 38-140 <sup>5</sup>

Ariz. Trias.]

[*marginatus* Walker 38-140 <sup>5</sup>

Ariz. Trias.]

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In order to bring together all the references to each name in the catalog and the supplements, this index is a combination of all the previous indexes and the one for the new supplement. It can be used in place of the other indexes because it is more complete than each. The pages in the supplements are distinguished by superscript numerals thus: 24 — original catalogue. 24<sup>1</sup> — first supplement. 24<sup>2</sup> — second supplement. 96<sup>3</sup> — third supplement and 24<sup>4</sup> — fourth supplement. (The second and third supplements were paged consecutively.)

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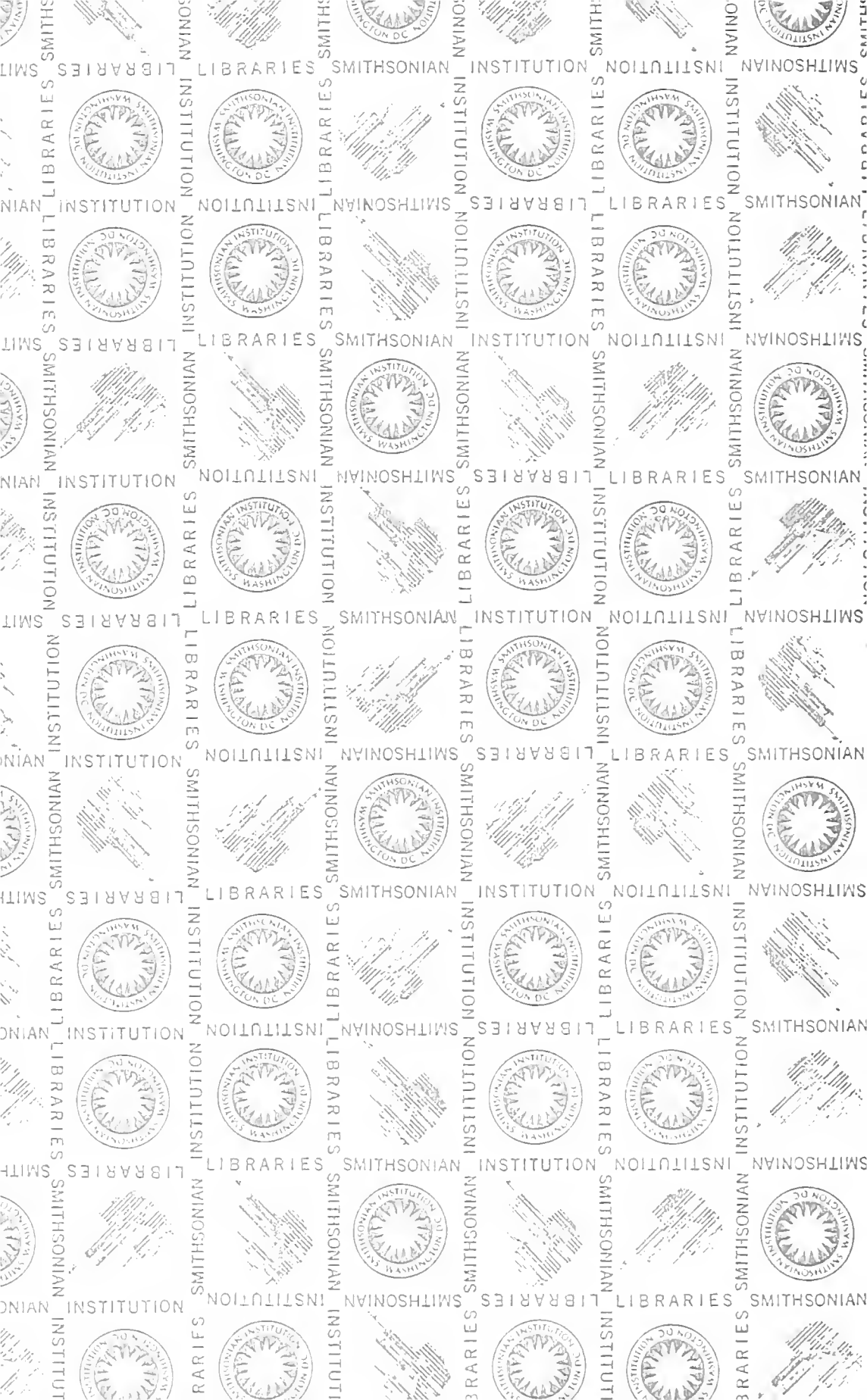


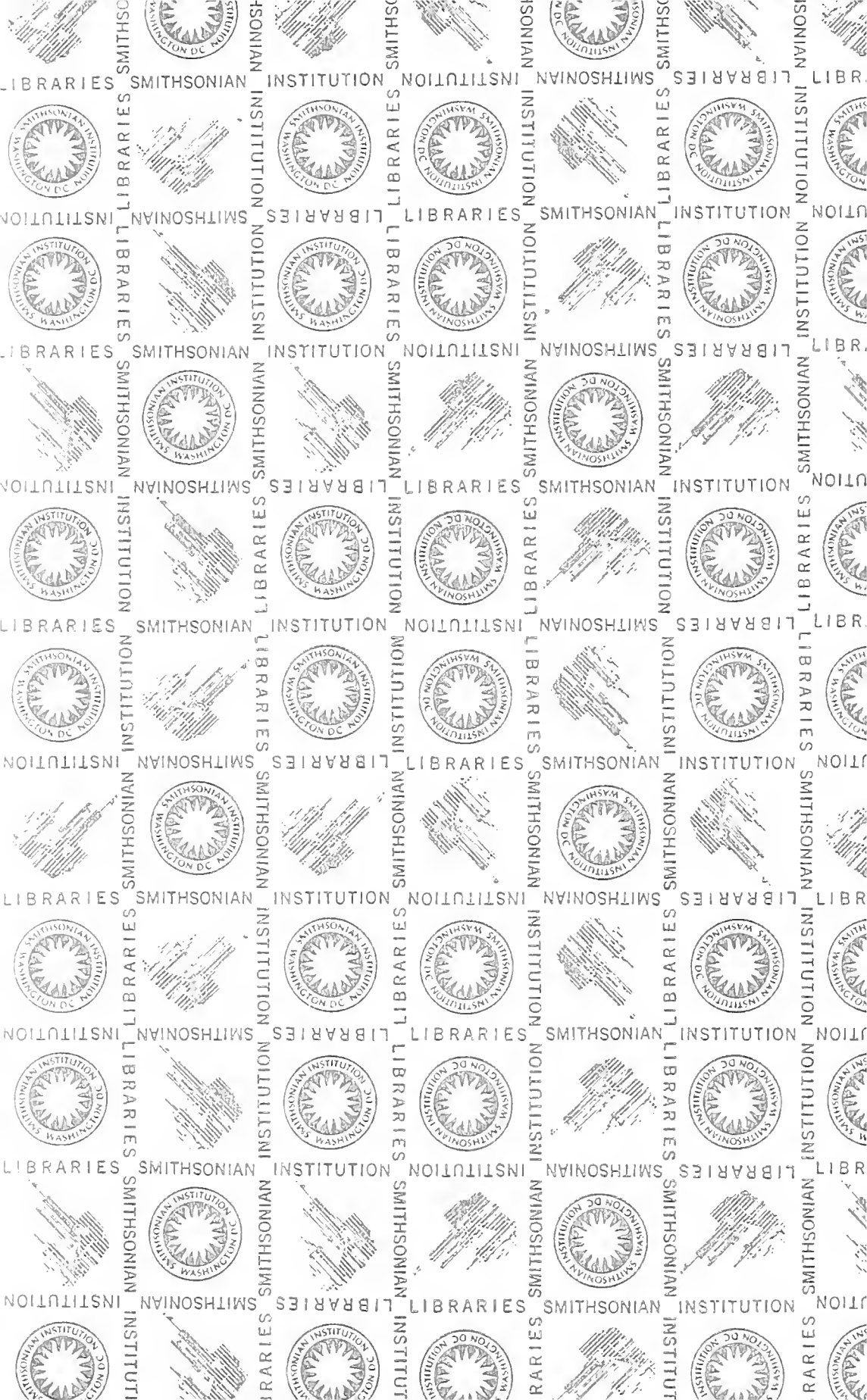














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